

A S E T O F
T A B L E S
O F
S O L I D A N D S U P E R F I C I A L
M E A S U R E :

I N T H E M O S T F A M I L I A R M E T H O D :

Shewing at Sight the Content of any Piece of Timber, Plank, or Board, used in Architecture or Naval Work. The Method of finding the Content of unequal-sided Timber, and to reduce Mahogany or Marble into Superficial Inch Feet: Together with the Number of Superficial Feet of different Thickness, from 1-4th of an Inch to 12 Inches (at one View), contained in a Foot or Ton solid:—Also PRACTICAL EXAMPLES and CUSTOMS, in the different Artificers Work, relating to Building.

The F O U R T H E D I T I O N , with Improvements.

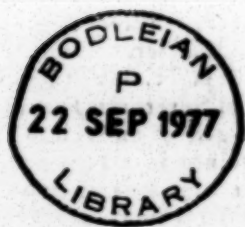
To which are now added,

The Prices of the several A R T I F I C E R S
W O R K above mentioned, with Direc-
tions concerning Allowances requisite to
be made, for various Defects in Timber.

B Y P. LEVI HODGSON, M E A S U R E R .

D U B L I N :
T. E W I N G.
M . D C C . L X X I V .

(Price 3s. 3d.)

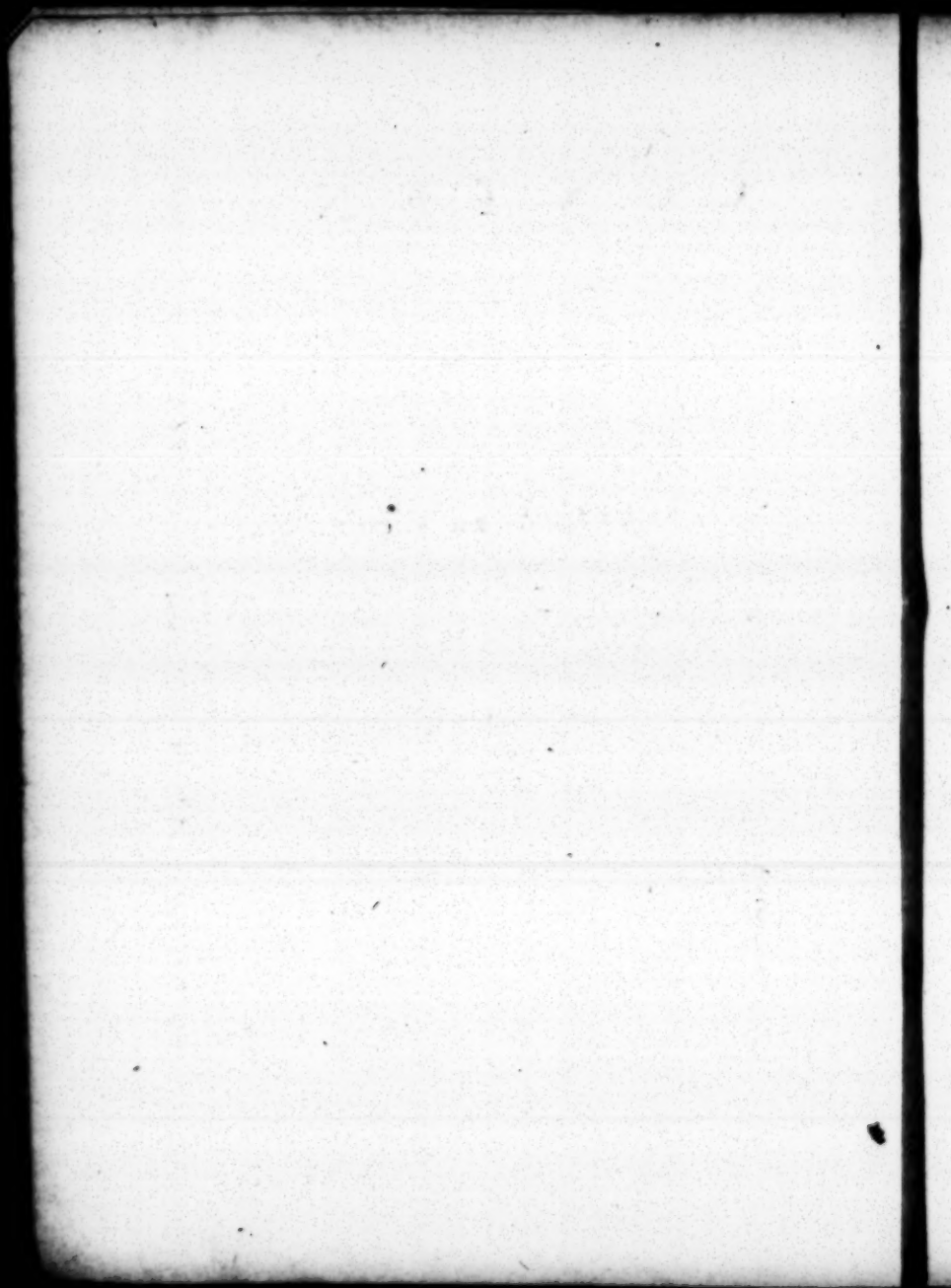


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T H E

P R E F A C E.

MY three former editions having met with public approbation, (for which I retain a grateful sense) I am encouraged to publish a fourth; and in order to render it of more general use, I have added the prices of the several artificers work relating to building.—Such as *Carpenters, Bricklayers, Stone-cutters, Slaters, Glaziers, Smiths, Plumbers, Painters, Plaisterers,* and *Stucco-men's work,* with paving and sinking foundations.

Wherein I have endeavoured to keep within the out-lines of the highest and lowest prices, and for which it may be expected to have a building finished in a workman-like manner, (according to the design) from

a

1500 l.

1500l. to 3000l. or more.—Note, in making an estimate it may not be improper to add 1-16th part for unforeseen expences.

I humbly hope the experienced will put the best construction on this attempt, as it is merely intended to excite some abler pen to publish what has been long wished for, in relation to the customs of this metropolis, and the standard measure in Ireland, which the many London publications now extant will not determine:—I have used my endeavours in this small treatise to come as near the truth as possible, and not to give offence to employer or workman but (as before hinted) to animate those who are sufficiently furnished with abilities, to lay down what may be of more public utility.

As to the various defects which often appear in timber, I have pointed out where allowance should be given

P R E F A C E. iii

given for the same, finding in the course of my time in the measuring business, that many difficulties have often arisen on that account, by persons being unacquainted with the customs, and which I hope will be found acceptable.

Ph. Levi Hodgson.

Poolbeg-street, Dublin,
May 3, 1774.

EXPLANATION

OF THE

T A B L E S.

TO find the contents of a piece of timber, plank, or board.—Seek for your square in the solid measure, or breadth in the superficial measure, which is at the top of the page, then keep your eye down the left hand column for your length; after which you will find over against your length, and under the square of the timber or breadth of the plank, the contents in feet and quarters.

IT is to be observed, that these tables extend 7 feet longer than *Mr. Hoppus's London publication, together with every half foot required, from 1 to 50 feet in length, which is practically needful in Long Poland, Coningsberg. or Dantzic plank, and gives considerably more ease and dispatch.

* He gives only the half foot at bottom for the whole page, which is not an exact method.

given

A TABLE of SOLID MEASURE. 5

Feet long.	Inches Square.							
	3		$3\frac{1}{4}$		$3\frac{1}{2}$		$3\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	0	0	0	0	0	0	0	0
$1\frac{1}{2}$	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
$2\frac{1}{2}$	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	0	1
$3\frac{1}{2}$	0	0	0	1	0	1	0	1
4	0	1	0	1	0	1	0	1
$4\frac{1}{2}$	0	1	0	1	0	1	0	1
5	0	1	0	1	0	1	0	1
$5\frac{1}{2}$	0	1	0	1	0	1	0	2
6	0	1	0	1	0	2	0	2
$6\frac{1}{2}$	0	1	0	1	0	2	0	2
7	0	1	0	2	0	2	0	2
$7\frac{1}{2}$	0	1	0	2	0	2	0	2
8	0	2	0	2	0	2	0	3
$8\frac{1}{2}$	0	2	0	2	0	2	0	3
9	0	2	0	2	0	3	0	3
$9\frac{1}{2}$	0	2	0	2	0	3	0	3
10	0	2	0	2	0	3	0	3
$10\frac{1}{2}$	0	2	0	3	0	3	1	0
11	0	2	0	3	0	3	1	0
$11\frac{1}{2}$	0	2	0	3	0	3	1	0
12	0	3	0	3	1	0	1	0
$12\frac{1}{2}$	0	3	0	3	1	0	1	0
13	0	3	0	3	1	0	1	1
$13\frac{1}{2}$	0	3	0	3	1	0	1	1
14	0	3	1	0	1	0	1	1
$14\frac{1}{2}$	0	3	1	0	1	0	1	1
15	0	3	1	0	1	1	1	1

6 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	3		$3\frac{1}{2}$		$3\frac{1}{2}$		$3\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	0	3	1	0	1	1	1	2
16	1	0	1	0	1	1	1	2
$16\frac{1}{2}$	1	0	1	0	1	1	1	2
17	1	0	1	0	1	1	1	2
$17\frac{1}{2}$	1	0	1	1	1	1	1	2
18	1	0	1	1	1	2	1	3
$18\frac{1}{2}$	1	0	1	1	1	2	1	3
19	1	0	1	1	1	2	1	3
$19\frac{1}{2}$	1	0	1	1	1	2	1	3
20	1	1	1	1	1	2	1	3
$20\frac{1}{2}$	1	1	1	2	1	2	2	0
21	1	1	1	2	1	3	2	0
$21\frac{1}{2}$	1	1	1	2	1	3	2	0
22	1	1	1	2	1	3	2	0
$22\frac{1}{2}$	1	1	1	2	1	3	2	0
23	1	1	1	2	1	3	2	0
$23\frac{1}{2}$	1	1	1	2	1	3	2	1
24	1	2	1	3	2	0	2	1
$24\frac{1}{2}$	1	2	1	3	2	0	2	1
25	1	2	1	3	2	0	2	1
$25\frac{1}{2}$	1	2	1	3	2	0	2	1
26	1	2	1	3	2	0	2	2
$26\frac{1}{2}$	1	2	1	3	2	1	2	2
27	1	2	1	3	2	1	2	2
$27\frac{1}{2}$	1	2	2	0	2	1	2	2
28	1	3	2	0	2	1	2	2
$28\frac{1}{2}$	1	3	2	0	2	1	2	3
29	1	3	2	0	2	1	2	3
$29\frac{1}{2}$	1	3	2	0	2	2	2	3

A TABLE of SOLID MEASURE. 7

Feet long.	Inches Square.							
	3		$3\frac{1}{4}$		$3\frac{1}{2}$		$3\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	1	3	2	0	2	2	2	3
$30\frac{1}{2}$	1	3	2	0	2	2	2	3
31	1	3	2	1	2	2	3	0
$31\frac{1}{2}$	1	3	2	1	2	2	3	0
32	2	0	2	1	2	2	3	0
$32\frac{1}{2}$	2	0	2	1	2	3	3	0
33	2	0	2	1	2	3	3	0
$33\frac{1}{2}$	2	0	2	1	2	3	3	1
34	2	0	2	1	2	3	3	1
$34\frac{1}{2}$	2	0	2	2	2	3	3	1
35	2	0	2	2	2	3	3	1
$35\frac{1}{2}$	2	0	2	2	3	0	3	1
36	2	1	2	2	3	0	3	2
$36\frac{1}{2}$	2	1	2	2	3	0	3	2
37	2	1	2	2	3	0	3	2
$37\frac{1}{2}$	2	1	2	3	3	0	3	2
38	2	1	2	3	3	0	3	2
$38\frac{1}{2}$	2	1	2	3	3	1	3	3
39	2	1	2	3	3	1	3	3
$39\frac{1}{2}$	2	1	2	3	3	1	3	3
40	2	2	2	3	3	1	3	3
$40\frac{1}{2}$	2	2	2	3	3	1	3	3
41	2	2	3	0	3	1	4	0
$41\frac{1}{2}$	2	2	3	0	3	2	4	0
42	2	2	3	0	3	2	4	0
$42\frac{1}{2}$	2	2	3	0	3	2	4	0
43	2	2	3	0	3	2	4	0
$43\frac{1}{2}$	2	2	3	0	3	2	4	0
44	2	3	3	0	3	2	4	1

8 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	3		$3\frac{1}{4}$		$3\frac{1}{2}$		$3\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	2	3	3	1	3	3	4	1
45	2	3	3	1	3	3	4	1
$45\frac{1}{2}$	2	3	3	1	3	3	4	1
46	2	3	3	1	3	3	4	1
$46\frac{1}{2}$	2	3	3	1	3	3	4	2
47	2	3	3	1	3	3	4	2
$47\frac{1}{2}$	2	3	3	1	4	0	4	2
48	3	0	3	2	4	0	4	2
$48\frac{1}{2}$	3	0	3	2	4	0	4	2
49	3	0	3	2	4	0	4	3
$49\frac{1}{2}$	3	0	3	2	4	0	4	3
50	3	0	3	2	4	1	4	3

A TABLE of SOLID MEASURE. 9

Feet long	Inches Square.							
	4		$4\frac{1}{2}$		$4\frac{1}{2}$		$4\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	0	0	0	0	0	0	0	0
$1\frac{1}{2}$	0	0	0	0	0	0	0	0
2	0	0	0	1	0	1	0	1
$2\frac{1}{2}$	0	1	0	1	0	1	0	1
3	0	1	0	1	0	1	0	1
$3\frac{1}{2}$	0	1	0	1	0	1	0	2
4	0	1	0	2	0	2	0	2
$4\frac{1}{2}$	0	2	0	2	0	2	0	2
5	0	2	0	2	0	2	0	3
$5\frac{1}{2}$	0	2	0	2	0	3	0	3
6	0	2	0	3	0	3	0	3
$6\frac{1}{2}$	0	2	0	3	0	3	1	0
7	0	3	0	3	0	3	1	0
$7\frac{1}{2}$	0	3	0	3	1	0	1	0
8	0	3	1	0	1	0	1	1
$8\frac{1}{2}$	0	3	1	0	1	0	1	1
9	1	0	1	0	1	1	1	1
$9\frac{1}{2}$	1	0	1	0	1	1	1	1
10	1	0	1	1	1	1	1	2
$10\frac{1}{2}$	1	0	1	1	1	1	1	2
11	1	0	1	1	1	2	1	2
$11\frac{1}{2}$	1	1	1	1	1	2	1	3
12	1	1	1	2	1	2	1	3
$12\frac{1}{2}$	1	1	1	2	1	3	1	3
13	1	1	1	2	1	3	2	0
$13\frac{1}{2}$	1	2	1	2	1	3	2	0
14	1	2	1	3	1	3	2	0
$14\frac{1}{2}$	1	2	1	3	2	0	2	1
15	1	2	1	3	2	0	2	1

10 A TABLE of SOLID MEASURE.

Feet long.	Inches Square							
	4		4½		4¾		4¾	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
15½	1	2	1	3	2	0	2	1
16	1	3	2	0	2	1	2	2
16½	1	3	2	0	2	1	2	2
17	1	3	2	0	2	1	2	2
17½	1	3	2	0	2	1	2	2
18	2	0	2	1	2	2	2	3
18½	2	0	2	1	2	2	2	3
19	2	0	2	1	2	2	2	3
19½	2	0	2	1	2	2	3	0
20	2	0	2	2	2	3	3	0
20½	2	1	2	2	2	3	3	0
21	2	1	2	2	2	3	3	1
21½	2	1	2	2	3	0	3	1
22	2	1	2	3	3	0	3	1
22½	2	2	2	3	3	0	3	2
23	2	2	2	3	3	0	3	2
23½	2	2	2	3	3	1	3	2
24	2	2	3	0	3	1	3	3
24½	2	2	3	0	3	1	3	3
25	2	3	3	0	3	2	3	3
25½	2	3	3	0	3	2	3	3
26	2	3	3	1	3	2	4	0
26½	2	3	3	1	3	2	4	0
27	3	0	3	1	3	3	4	0
27½	3	0	3	1	3	3	4	1
28	3	0	3	2	3	3	4	1
28½	3	0	3	2	4	0	4	1
29	3	0	3	2	4	0	4	2
29½	3	1	3	2	4	0	4	2

A TABLE of SOLID MEASURE. II

Feet long.	Inches Square.							
	4		$4\frac{1}{2}$		$4\frac{1}{2}$		$4\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	3	1	3	3	4	0	4	2
$30\frac{1}{2}$	3	1	3	3	4	1	4	3
31	3	1	3	3	4	1	4	3
$31\frac{1}{2}$	3	2	3	3	4	1	4	3
32	3	2	4	0	4	2	5	0
$32\frac{1}{2}$	3	2	4	0	4	2	5	0
33	3	2	4	0	4	2	5	0
$33\frac{1}{2}$	3	2	4	0	4	2	5	0
34	3	3	4	1	4	3	5	1
$34\frac{1}{2}$	3	3	4	1	4	3	5	1
35	3	3	4	1	4	3	5	1
$35\frac{1}{2}$	3	3	4	1	4	3	5	2
36	4	0	4	2	5	0	5	2
$36\frac{1}{2}$	4	0	4	2	5	0	5	2
37	4	0	4	2	5	0	5	3
$37\frac{1}{2}$	4	0	4	2	5	1	5	3
38	4	0	4	3	5	1	5	3
$38\frac{1}{2}$	4	1	4	3	5	1	6	0
39	4	1	4	3	5	1	6	0
$39\frac{1}{2}$	4	1	4	3	5	2	6	0
40	4	1	5	0	5	2	6	1
$40\frac{1}{2}$	4	2	5	0	5	2	6	1
41	4	2	5	0	5	3	6	1
$41\frac{1}{2}$	4	2	5	0	5	3	6	2
42	4	2	5	1	5	3	6	2
$42\frac{1}{2}$	4	2	5	1	5	3	6	2
43	4	3	5	1	6	0	6	2
$43\frac{1}{2}$	4	3	5	1	6	0	6	3
44	4	3	5	2	6	0	6	3

12 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	4		$4\frac{1}{4}$		$4\frac{1}{2}$		$4\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	4	3	5	2	6	1	6	3
45	5	0	5	2	6	1	7	0
$45\frac{1}{2}$	5	0	5	2	6	1	7	0
46	5	0	5	3	6	1	7	0
$46\frac{1}{2}$	5	0	5	3	6	2	7	1
47	5	0	5	3	6	2	7	1
$47\frac{1}{2}$	5	1	5	3	6	2	7	1
48	5	1	6	0	6	3	7	2
$48\frac{1}{2}$	5	1	6	0	6	3	7	2
49	5	1	6	0	6	3	7	2
$49\frac{1}{2}$	5	2	6	0	6	3	7	3
50	5	2	6	1	7	0	7	3

A TABLE of SOLID MEASURE. 13

Feet long.	Inches Square.							
	5		5 $\frac{1}{4}$		5 $\frac{1}{2}$		5 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	0	0	0	0	0	0	0	0
1 $\frac{1}{2}$	0	1	0	1	0	1	0	1
2	0	1	0	1	0	1	0	1
2 $\frac{1}{2}$	0	1	0	1	0	2	0	2
3	0	2	0	2	0	2	0	2
3 $\frac{1}{2}$	0	2	0	2	0	2	0	3
4	0	2	0	3	0	3	0	3
4 $\frac{1}{2}$	0	3	0	3	0	3	1	0
5	0	3	0	3	1	0	1	0
5 $\frac{1}{2}$	0	3	1	0	1	0	1	1
6	1	0	1	0	1	1	1	1
6 $\frac{1}{2}$	1	0	1	0	1	1	1	1
7	1	0	1	1	1	1	1	2
7 $\frac{1}{2}$	1	1	1	1	1	2	1	2
8	1	1	1	2	1	2	1	3
8 $\frac{1}{2}$	1	1	1	2	1	3	1	3
9	1	2	1	2	1	3	2	0
9 $\frac{1}{2}$	1	2	1	3	1	3	2	0
10	1	2	1	3	2	0	2	1
10 $\frac{1}{2}$	1	3	2	0	2	0	2	1
11	1	3	2	0	2	1	2	2
11 $\frac{1}{2}$	1	3	2	0	2	1	2	2
12	2	0	2	1	2	2	2	3
12 $\frac{1}{2}$	2	0	2	1	2	2	2	3
13	2	1	2	1	2	2	2	3
13 $\frac{1}{4}$	2	1	2	2	2	3	3	0
14	2	1	2	2	2	3	3	0
14 $\frac{1}{2}$	2	2	2	3	3	0	3	1
15	2	2	2	3	3	0	3	1

14 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	5		$5\frac{1}{4}$		$5\frac{1}{2}$		$5\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	2	2	2	3	3	1	3	2
16	2	3	3	0	3	1	3	2
$16\frac{1}{2}$	2	3	3	0	3	1	3	3
17	2	3	3	1	3	2	3	3
$17\frac{1}{2}$	3	0	3	1	3	2	4	0
18	3	0	3	1	3	3	4	0
$18\frac{1}{2}$	3	0	3	2	3	3	4	0
19	3	1	3	2	3	3	4	1
$19\frac{1}{2}$	3	1	3	2	4	0	4	1
20	3	1	3	3	4	0	4	2
$20\frac{1}{2}$	3	2	3	3	4	1	4	2
21	3	2	4	0	4	1	4	3
$21\frac{1}{2}$	3	2	4	0	4	2	4	3
22	3	3	4	0	4	2	5	0
$22\frac{1}{2}$	3	3	4	1	4	2	5	0
23	3	3	4	1	4	3	5	1
$23\frac{1}{2}$	4	0	4	1	4	3	5	1
24	4	0	4	2	5	0	5	2
$24\frac{1}{2}$	4	1	4	2	5	0	5	2
25	4	1	4	3	5	1	5	2
$25\frac{1}{2}$	4	1	4	3	5	1	5	3
26	4	2	4	3	5	1	5	3
$26\frac{1}{2}$	4	2	5	0	5	2	6	0
27	4	2	5	0	5	2	6	0
$27\frac{1}{2}$	4	3	5	1	5	3	6	1
28	4	3	5	1	5	3	6	1
$28\frac{1}{2}$	4	3	5	1	5	3	6	2
29	5	0	5	2	6	0	6	2
$29\frac{1}{2}$	5	0	5	2	6	0	6	3

A TABLE of SOLID MEASURE. 15

Feet long.	Inches Square.							
	5		$5\frac{1}{2}$		$5\frac{1}{2}$		$5\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	5	0	5	2	6	1	6	3
$30\frac{1}{2}$	5	1	5	3	6	1	7	0
31	5	1	5	3	6	2	7	0
$31\frac{1}{2}$	5	1	6	0	6	2	7	0
32	5	2	6	0	6	2	7	1
$32\frac{1}{2}$	5	2	6	0	6	3	7	1
33	5	2	6	1	6	3	7	2
$33\frac{1}{2}$	5	3	6	1	7	0	7	2
34	5	3	6	2	7	0	7	3
$34\frac{1}{2}$	5	3	6	2	7	0	7	3
35	6	0	6	2	7	1	8	0
$35\frac{1}{2}$	6	0	6	3	7	1	8	0
36	6	1	6	3	7	2	8	1
$36\frac{1}{2}$	6	1	6	3	7	2	8	1
37	6	1	7	0	7	3	8	1
$37\frac{1}{2}$	6	2	7	0	7	3	8	2
38	6	2	7	1	7	3	8	2
$38\frac{1}{2}$	6	2	7	1	8	0	8	3
39	6	3	7	1	8	0	8	3
$39\frac{1}{2}$	6	3	7	2	8	1	9	0
40	6	3	7	2	8	1	9	0
$40\frac{1}{2}$	7	0	7	3	8	2	9	1
41	7	0	7	3	8	2	9	1
$41\frac{1}{2}$	7	0	7	3	8	2	9	2
42	7	1	8	0	8	3	9	2
$42\frac{1}{2}$	7	1	8	0	8	3	9	3
43	7	1	8	0	9	0	9	3
$43\frac{1}{2}$	7	2	8	1	9	0	9	3
44	7	2	8	1	9	0	10	0

16 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	5		$5\frac{1}{4}$		$5\frac{1}{2}$		$5\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	7	2	8	2	9	1	10	0
45	7	3	8	2	9	1	10	1
$45\frac{1}{2}$	7	3	8	2	9	2	10	1
46	7	3	8	3	9	2	10	2
$46\frac{1}{2}$	8	0	8	3	9	3	10	2
47	8	0	8	3	9	3	10	3
$47\frac{1}{2}$	8	0	9	0	9	3	10	3
48	8	1	9	0	10	0	11	0
$48\frac{1}{2}$	8	1	9	1	10	0	11	0
49	8	2	9	1	10	1	11	1
$49\frac{1}{2}$	8	2	9	1	10	1	11	1
50	8	2	9	2	10	2	11	1

A TABLE of SOLID MEASURE. 17

Feet long.	Inches Square.							
	6		$6\frac{1}{4}$		$6\frac{1}{2}$		$6\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	0	1	0	1	0	1	0	1
$1\frac{1}{2}$	0	1	0	1	0	1	0	1
2	0	2	0	2	0	2	0	2
$2\frac{1}{2}$	0	2	0	2	0	2	0	3
3	0	3	0	3	0	3	0	3
$3\frac{1}{2}$	0	3	0	3	1	0	1	0
4	1	0	1	0	1	0	1	1
$4\frac{1}{2}$	1	0	1	0	1	1	1	1
5	1	1	1	1	1	1	1	2
$5\frac{1}{2}$	1	1	1	1	1	2	1	2
6	1	2	1	2	1	3	1	3
$6\frac{1}{2}$	1	2	1	3	1	3	2	0
7	1	3	1	3	2	0	2	0
$7\frac{1}{2}$	1	3	2	0	2	0	2	1
8	2	0	2	0	2	1	2	2
$8\frac{1}{2}$	2	0	2	1	2	1	2	2
9	2	1	2	1	2	2	2	3
$9\frac{1}{2}$	2	1	2	2	2	3	3	0
10	2	2	2	2	2	3	3	0
$10\frac{1}{2}$	2	2	2	3	3	0	3	1
11	2	3	2	3	3	0	3	1
$11\frac{1}{2}$	2	3	3	0	3	1	3	2
12	3	0	3	1	3	2	3	3
$12\frac{1}{2}$	3	0	3	1	3	2	3	3
13	3	1	3	2	3	3	4	0
$13\frac{1}{2}$	3	1	3	2	3	3	4	1
14	3	2	3	3	4	0	4	1
$14\frac{1}{2}$	3	2	3	3	4	1	4	2
15	3	3	4	0	4	1	4	2

18 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	6		$6\frac{1}{2}$		$6\frac{1}{2}$		$6\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	3	3	4	0	4	2	4	3
16	4	0	4	1	4	2	5	0
$16\frac{1}{2}$	4	0	4	1	4	3	5	0
17	4	1	4	2	4	3	5	1
$17\frac{1}{2}$	4	1	4	2	5	0	5	2
18	4	2	4	3	5	1	5	2
$18\frac{1}{2}$	4	2	5	0	5	1	5	3
19	4	3	5	0	5	2	6	0
$19\frac{1}{2}$	4	3	5	1	5	2	6	0
20	5	0	5	1	5	3	6	1
$20\frac{1}{2}$	5	0	5	2	6	0	6	1
21	5	1	5	2	6	0	6	2
$21\frac{1}{2}$	5	1	5	3	6	1	6	3
22	5	2	5	3	6	1	6	3
$22\frac{1}{2}$	5	2	6	0	6	2	7	0
23	5	3	6	0	6	2	7	1
$23\frac{1}{2}$	5	3	6	1	6	3	7	1
24	6	0	6	2	7	0	7	2
$24\frac{1}{2}$	6	0	6	2	7	0	7	3
25	6	1	6	3	7	1	7	3
$25\frac{1}{2}$	6	1	6	3	7	1	8	0
26	6	2	7	0	7	2	8	0
$26\frac{1}{2}$	6	2	7	0	7	3	8	1
27	6	3	7	1	7	3	8	2
$27\frac{1}{2}$	6	3	7	1	8	0	8	2
28	7	0	7	2	8	0	8	3
$28\frac{1}{2}$	7	0	7	2	8	1	9	0
29	7	1	7	3	8	2	9	0
$29\frac{1}{2}$	7	1	8	0	8	2	9	1

A TABLE of SOLID MEASURE. 19

Feet long.	Inches Square.							
	6		$6\frac{1}{2}$		$6\frac{1}{2}$		$6\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	7	2	8	0	8	3	9	1
$30\frac{1}{2}$	7	2	8	1	8	3	9	2
31	7	3	8	1	9	0	9	3
$31\frac{1}{2}$	7	3	8	2	9	0	9	3
32	8	0	8	2	9	1	10	0
$32\frac{1}{2}$	8	0	8	3	9	2	10	1
33	8	1	8	3	9	2	10	1
$33\frac{1}{2}$	8	1	9	0	9	3	10	2
34	8	2	9	0	9	3	10	3
$34\frac{1}{2}$	8	2	9	1	10	0	10	3
35	8	3	9	1	10	1	11	0
$35\frac{1}{2}$	8	3	9	2	10	1	11	0
36	9	0	9	3	10	2	11	1
$36\frac{1}{2}$	9	0	9	3	10	2	11	2
37	9	1	10	0	10	3	11	2
$37\frac{1}{2}$	9	1	10	0	11	0	11	3
38	9	2	10	1	11	0	12	0
$38\frac{1}{2}$	9	2	10	1	11	1	12	0
39	9	3	10	2	11	1	12	1
$39\frac{1}{2}$	9	3	10	2	11	2	12	1
40	10	0	10	3	11	2	12	2
$40\frac{1}{2}$	10	0	10	3	11	3	12	3
41	10	1	11	0	12	0	12	3
$41\frac{1}{2}$	10	1	11	1	12	0	13	0
42	10	2	11	1	12	1	13	1
$42\frac{1}{2}$	10	2	11	2	12	1	13	1
43	10	3	11	2	12	2	13	2
$43\frac{1}{2}$	10	3	11	3	12	3	13	3
44	11	0	11	3	12	3	13	3

20 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	6		$6\frac{1}{4}$		$6\frac{1}{2}$		$6\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	11	0	12	0	13	0	14	0
45	11	1	12	0	13	0	14	0
$45\frac{1}{2}$	11	1	12	1	13	1	14	1
46	11	2	12	1	13	1	14	2
$46\frac{1}{2}$	11	2	12	2	13	2	14	2
47	11	3	12	2	13	3	14	3
$47\frac{1}{2}$	11	3	12	3	13	3	15	0
48	12	0	13	0	14	0	15	0
$48\frac{1}{2}$	12	0	13	0	14	0	15	1
49	12	1	13	1	14	1	15	2
$49\frac{1}{2}$	12	1	13	1	14	2	15	2
50	12	2	13	2	14	2	15	3

A TABLE of SOLID MEASURE. 21

Feet long.	Inches Square.							
	7		$7\frac{1}{4}$		$7\frac{1}{2}$		$7\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	0	1	0	1	0	1	0	1
$1\frac{1}{2}$	0	2	0	2	0	2	0	2
2	0	2	0	2	0	3	0	3
$2\frac{1}{2}$	0	3	0	3	0	3	1	0
3	1	0	1	0	1	0	1	1
$3\frac{1}{2}$	1	0	1	1	1	1	1	1
4	1	1	1	1	1	2	1	2
$4\frac{1}{2}$	1	2	1	2	1	3	1	3
5	1	2	1	3	1	3	2	0
$5\frac{1}{2}$	1	3	2	0	2	0	2	1
6	2	0	2	0	2	1	2	2
$6\frac{1}{2}$	2	0	2	1	2	2	2	2
7	2	1	2	2	2	2	2	3
$7\frac{1}{2}$	2	2	2	2	2	3	3	0
8	2	2	2	3	3	0	3	1
$8\frac{1}{2}$	2	3	3	0	3	1	3	2
9	3	0	3	1	3	2	3	3
$9\frac{1}{2}$	3	0	3	1	3	2	3	3
10	3	1	3	2	3	3	4	0
$10\frac{1}{2}$	3	2	3	3	4	0	4	1
11	3	2	4	0	4	1	4	2
$11\frac{1}{2}$	3	3	4	0	4	1	4	3
12	4	0	4	1	4	2	5	0
$12\frac{1}{2}$	4	1	4	2	4	3	5	0
13	4	1	4	2	5	0	5	1
$13\frac{1}{2}$	4	2	4	3	5	1	5	2
14	4	3	5	0	5	1	5	3
$14\frac{1}{2}$	4	3	5	1	5	2	6	0
15	5	0	5	1	5	3	6	1

22 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	7		$7\frac{1}{4}$		$7\frac{1}{2}$		$7\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	5	1	5	2	6	0	6	1
16	5	1	5	3	6	1	6	2
$16\frac{1}{2}$	5	2	6	0	6	1	6	3
17	5	3	6	0	6	2	7	0
$17\frac{1}{2}$	5	3	6	1	6	3	7	1
18	6	0	6	2	7	0	7	2
$18\frac{1}{2}$	6	1	6	3	7	0	7	2
19	6	1	6	3	7	1	7	3
$19\frac{1}{2}$	6	2	7	0	7	2	8	0
20	6	3	7	1	7	3	8	1
$20\frac{1}{2}$	6	3	7	1	8	0	8	2
21	7	0	7	2	8	0	8	3
$21\frac{1}{2}$	7	1	7	3	8	1	8	3
22	7	1	8	0	8	2	9	0
$22\frac{1}{2}$	7	2	8	0	8	3	9	1
23	7	3	8	1	8	3	9	2
$23\frac{1}{2}$	7	3	8	2	9	0	9	3
24	8	0	8	3	9	1	10	0
$24\frac{1}{2}$	8	1	8	3	9	2	10	0
25	8	2	9	0	9	3	10	1
$25\frac{1}{2}$	8	2	9	1	9	3	10	2
26	8	3	9	1	10	0	10	3
$26\frac{1}{2}$	9	0	9	2	10	1	11	0
27	9	0	9	3	10	2	11	1
$27\frac{1}{2}$	9	1	10	0	10	2	11	1
28	9	2	10	0	10	3	11	2
$28\frac{1}{2}$	9	2	10	1	11	0	11	3
29	9	3	10	2	11	1	12	0
$29\frac{1}{2}$	10	0	10	3	11	2	12	1

A TABLE of SOLID MEASURE: 23

Feet long.	Inches Square.							
	7		$7\frac{1}{4}$		$7\frac{1}{2}$		$7\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	10	0	10	3	11	2	12	2
$30\frac{1}{2}$	10	1	11	0	11	3	12	2
31	10	2	11	1	12	0	12	3
$31\frac{1}{2}$	10	2	11	1	12	1	13	0
32	10	3	11	2	12	2	13	1
$32\frac{1}{2}$	11	0	11	3	12	2	13	2
33	11	0	12	0	12	3	13	3
$33\frac{1}{2}$	11	1	12	0	13	0	13	3
34	11	2	12	1	13	1	14	0
$34\frac{1}{2}$	11	2	12	2	13	1	14	1
35	11	3	12	3	13	2	14	2
$35\frac{1}{2}$	12	0	12	3	13	3	14	3
36	12	1	13	0	14	0	15	0
$36\frac{1}{2}$	12	1	13	1	14	1	15	0
37	12	2	13	2	14	1	15	1
$37\frac{1}{2}$	12	3	13	2	14	2	15	2
38	12	3	13	3	14	3	15	3
$38\frac{1}{2}$	13	0	14	0	15	0	16	0
39	13	1	14	0	15	0	16	1
$39\frac{1}{2}$	13	1	14	1	15	1	16	1
40	13	2	14	2	15	2	16	2
$40\frac{1}{2}$	13	3	14	3	15	3	16	3
41	13	3	14	3	16	0	17	0
$41\frac{1}{2}$	14	0	15	0	16	0	17	1
42	14	1	15	1	16	1	17	2
$42\frac{1}{2}$	14	1	15	2	16	2	17	2
43	14	2	15	2	16	3	17	3
$43\frac{1}{2}$	14	3	15	3	16	3	18	0
44	14	3	16	0	17	0	18	1

24 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	7		$7\frac{1}{2}$		$7\frac{1}{2}$		$7\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	15	0	16	0	17	1	18	2
45	15	1	16	1	17	2	18	3
$45\frac{1}{2}$	15	1	16	2	17	3	18	3
46	15	2	16	3	17	3	19	0
$46\frac{1}{2}$	15	3	16	3	18	0	19	1
47	15	3	17	0	18	1	19	2
$47\frac{1}{2}$	16	0	17	1	18	2	19	3
48	16	1	17	2	18	3	20	0
$48\frac{1}{2}$	16	2	17	2	18	3	20	0
49	16	2	17	3	19	0	20	1
$49\frac{1}{2}$	16	3	18	0	19	1	20	2
50	17	0	18	1	19	2	20	3

A TABLE of SOLID MEASURE. 25

Feet long.	Inches Square.							
	8		$8\frac{1}{4}$		$8\frac{1}{2}$		$8\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	0	1	0	1	0	2	0	2
$1\frac{1}{2}$	0	1	0	2	0	3	0	3
2	0	3	0	3	1	0	1	0
$2\frac{1}{2}$	1	0	1	0	1	1	1	1
3	1	1	1	1	1	2	1	2
$3\frac{1}{2}$	1	2	1	2	1	3	1	3
4	1	3	1	3	2	0	2	0
$4\frac{1}{2}$	2	0	2	0	2	1	2	1
5	2	0	2	1	2	2	2	2
$5\frac{1}{2}$	2	1	2	2	2	3	2	3
6	2	2	2	3	3	0	3	0
$6\frac{1}{2}$	2	3	3	0	3	1	3	1
7	3	0	3	1	3	2	3	2
$7\frac{1}{2}$	3	1	3	2	3	3	3	3
8	3	2	3	3	4	0	4	1
$8\frac{1}{2}$	3	3	4	0	4	1	4	1
9	4	0	4	1	4	2	4	3
$9\frac{1}{2}$	4	0	4	1	4	3	5	0
10	4	1	4	2	5	0	5	1
$10\frac{1}{2}$	4	2	4	3	5	1	5	2
11	4	3	5	0	5	2	5	3
$11\frac{1}{2}$	5	0	5	1	5	3	6	0
12	5	1	5	2	6	0	6	1
$12\frac{1}{2}$	5	2	5	3	6	1	6	2
13	5	3	6	0	6	2	6	3
$13\frac{1}{2}$	6	0	6	1	6	3	7	0
14	6	0	6	2	7	0	7	1
$14\frac{1}{2}$	6	1	6	3	7	1	7	2
15	6	2	7	0	7	2	7	3

26 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	8		$8\frac{1}{2}$		$8\frac{1}{2}$		$8\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	6	3	7	1	7	3	8	0
16	7	0	7	2	8	0	8	2
$16\frac{1}{2}$	7	1	7	3	8	1	8	3
17	7	2	8	0	8	2	9	0
$17\frac{1}{2}$	7	3	8	1	8	3	9	1
18	8	0	8	2	9	0	9	2
$18\frac{1}{2}$	8	0	8	2	9	1	9	3
19	8	1	8	3	9	2	10	0
$19\frac{1}{2}$	8	2	9	0	9	3	10	1
20	8	3	9	1	10	0	10	2
$20\frac{1}{2}$	9	0	9	2	10	1	10	3
21	9	1	9	3	10	2	11	0
$21\frac{1}{2}$	9	2	10	0	10	3	11	1
22	9	3	10	1	11	0	11	2
$22\frac{1}{2}$	10	0	10	2	11	1	11	3
23	10	0	10	3	11	2	12	0
$23\frac{1}{2}$	10	1	11	0	11	3	12	1
24	10	2	11	1	12	0	12	3
$24\frac{1}{2}$	10	3	11	2	12	1	13	0
25	11	0	11	3	12	2	13	1
$25\frac{1}{2}$	11	1	12	0	12	3	13	2
26	11	2	12	1	13	0	13	3
$26\frac{1}{2}$	11	3	12	2	13	1	14	0
27	12	0	12	3	13	2	14	1
$27\frac{1}{2}$	12	0	12	3	13	3	14	2
28	12	1	13	0	14	0	14	3
$28\frac{1}{2}$	12	2	13	1	14	1	15	0
29	12	3	13	2	14	2	15	1
$29\frac{1}{2}$	13	0	13	3	14	3	15	2

A TABLE of SOLID MEASURE. 27

Feet long.	Inches Square.			
	8	$8\frac{1}{4}$	$8\frac{1}{2}$	$8\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
30	13	14	015	015 3
$30\frac{1}{2}$	13	214	115	116 0
31	13	314	215	216 1
$31\frac{1}{2}$	14	014	315	316 2
32	14	015	016	017 0
$32\frac{1}{2}$	14	115	116	117 1
33	14	215	216	217 2
$33\frac{1}{2}$	14	315	316	317 3
34	15	016	017	018 0
$34\frac{1}{2}$	15	116	117	118 1
35	15	216	217	218 2
$35\frac{1}{2}$	15	316	317	318 3
36	16	017	018	019 0
$36\frac{1}{2}$	16	017	118	119 1
37	16	117	118	219 2
$37\frac{1}{2}$	16	217	218	319 3
38	16	317	319	020 0
$38\frac{1}{2}$	17	018	019	120 1
39	17	118	119	220 2
$39\frac{1}{2}$	17	218	219	320 3
40	17	318	320	021 1
$40\frac{1}{2}$	18	019	020	121 2
41	18	019	120	221 3
$41\frac{1}{2}$	18	119	220	322 0
42	18	219	321	022 1
$42\frac{1}{2}$	18	320	021	122 2
43	19	020	121	222 3
$43\frac{1}{2}$	19	120	221	323 0
44	19	220	322	023 1

28 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	8		$8\frac{1}{4}$		$8\frac{1}{2}$		$8\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
44 $\frac{1}{2}$	19	3	21	0	22	1	23	2
45	20	0	21	1	22	2	23	3
45 $\frac{1}{2}$	20	0	21	2	22	3	24	0
46	20	1	21	2	23	0	24	1
46 $\frac{1}{2}$	20	2	21	3	23	1	24	2
47	20	3	22	0	23	2	24	3
47 $\frac{1}{2}$	21	0	22	1	23	3	25	1
48	21	1	22	2	24	0	25	2
48 $\frac{1}{2}$	21	2	22	3	24	1	25	3
49	21	3	23	0	24	2	26	0
49 $\frac{1}{2}$	22	0	23	1	24	3	26	1
50	22	0	23	2	25	0	26	2

A TABLE of SOLID MEASURE. 29

Feet long.	Inches Square.							
	9		$9\frac{1}{4}$		$9\frac{1}{2}$		$9\frac{3}{4}$	
	F	Q	F	Q	F	Q	F	Q
1	0	2	0	2	0	2	0	2
$1\frac{1}{2}$	0	3	0	3	0	3	0	3
2	1	0	1	0	1	1	1	1
$2\frac{1}{2}$	1	1	1	1	1	2	1	2
3	1	2	1	3	1	3	1	3
$3\frac{1}{2}$	1	3	2	0	2	0	2	0
4	2	1	2	1	2	2	2	2
$4\frac{1}{2}$	2	2	2	2	2	3	2	3
5	2	3	2	3	3	0	3	1
$5\frac{1}{2}$	3	0	3	0	3	1	3	2
6	3	1	3	2	3	3	3	3
$6\frac{1}{2}$	3	2	3	3	4	0	4	1
7	3	3	4	0	4	1	4	2
$7\frac{1}{2}$	4	0	4	1	4	2	4	3
8	4	2	4	3	5	0	5	1
$8\frac{1}{2}$	4	3	5	0	5	1	5	2
9	5	0	5	1	5	2	5	3
$9\frac{1}{2}$	5	1	5	2	5	3	6	1
10	5	2	5	3	6	1	6	2
$10\frac{1}{2}$	5	3	6	0	6	2	6	3
11	6	0	6	2	6	3	7	1
$11\frac{1}{2}$	6	1	6	3	7	0	7	2
12	6	3	7	0	7	2	7	3
$12\frac{1}{2}$	7	0	7	1	7	3	8	1
13	7	1	7	2	8	0	8	2
$13\frac{1}{2}$	7	2	8	0	8	1	8	3
14	7	3	8	1	8	3	9	0
$14\frac{1}{2}$	8	0	8	2	9	0	9	2
15	8	1	8	3	9	1	9	3

30 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	9		$9\frac{1}{2}$		$9\frac{1}{2}$		$9\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	8	2	9	0	9	2	10	0
16	9	0	9	2	10	0	10	2
$16\frac{1}{2}$	9	1	9	3	10	1	10	3
17	9	2	10	0	10	2	11	0
$17\frac{1}{2}$	9	3	10	1	10	3	11	2
18	10	0	10	2	11	1	11	3
$18\frac{1}{2}$	10	1	10	3	11	2	12	0
19	10	2	11	1	11	3	12	2
$19\frac{1}{2}$	10	3	11	2	12	0	12	3
20	11	1	11	3	12	1	13	0
$20\frac{1}{2}$	11	2	12	0	12	3	13	2
21	11	3	12	1	13	0	13	3
$21\frac{1}{2}$	12	0	12	3	13	1	14	0
22	12	1	13	0	13	3	14	2
$22\frac{1}{2}$	12	2	13	1	14	0	14	3
23	12	3	13	2	14	1	15	0
$23\frac{1}{2}$	13	0	13	3	14	2	15	2
24	13	2	14	1	15	0	15	3
$24\frac{1}{2}$	13	3	14	2	15	1	16	0
25	14	0	14	3	15	2	16	2
$25\frac{1}{2}$	14	1	15	0	15	3	16	3
26	14	2	15	1	16	1	17	0
$26\frac{1}{2}$	14	3	15	2	16	2	17	1
27	15	0	16	0	16	3	17	3
$27\frac{1}{2}$	15	1	16	1	17	0	18	0
28	15	3	16	2	17	2	18	1
$28\frac{1}{2}$	16	0	16	3	17	3	18	3
29	16	1	17	0	18	0	19	0
$29\frac{1}{2}$	16	2	17	2	18	1	19	1

A TABLE of SOLID MEASURE. 31

Feet long.	Inches Square.							
	9		$9\frac{1}{4}$		$9\frac{1}{2}$		$9\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	16	3	17	3	18	3	19	3
$30\frac{1}{2}$	17	0	18	0	19	0	20	0
31	17	1	18	1	19	1	20	1
$31\frac{1}{2}$	17	2	18	2	19	2	20	3
32	18	0	19	0	20	0	21	0
$32\frac{1}{2}$	18	1	19	1	20	1	21	1
33	18	2	19	2	20	2	21	3
$33\frac{1}{2}$	18	3	19	3	20	3	22	0
34	19	0	20	0	21	1	22	1
$34\frac{1}{2}$	19	1	20	1	21	2	22	3
35	19	2	20	3	21	3	23	0
$35\frac{1}{2}$	19	3	21	0	22	0	23	1
36	20	1	21	1	22	2	23	3
$36\frac{1}{2}$	20	2	21	2	22	3	24	0
37	20	3	21	3	23	0	24	1
$37\frac{1}{2}$	21	0	22	1	23	2	24	3
38	21	1	22	2	23	3	25	0
$38\frac{1}{2}$	21	2	22	3	24	0	25	1
39	21	3	23	0	24	1	25	2
$39\frac{1}{2}$	22	0	23	1	24	3	26	0
40	22	2	23	3	25	0	26	1
$40\frac{1}{2}$	22	3	24	0	25	1	26	2
41	23	0	24	1	25	2	27	0
$41\frac{1}{2}$	23	1	24	2	26	0	27	1
42	23	2	24	3	26	1	27	2
$42\frac{1}{2}$	23	3	25	1	26	2	28	0
43	24	0	25	2	26	3	28	1
$43\frac{1}{2}$	24	1	25	3	27	1	28	2
44	24	3	26	0	27	2	29	0

32 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	9		$9\frac{1}{4}$		$9\frac{1}{2}$		$9\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	25	0	26	1	27	3	29	1
45	25	1	26	2	28	0	29	2
$45\frac{1}{2}$	25	2	27	0	28	2	30	0
46	25	3	27	1	28	3	30	1
$46\frac{1}{2}$	26	0	27	2	29	0	30	2
47	26	1	27	3	29	1	31	0
$47\frac{1}{2}$	26	2	28	0	29	3	31	1
48	27	0	28	2	30	0	31	2
$48\frac{1}{2}$	27	1	28	3	30	1	32	0
49	27	2	29	0	30	2	32	1
$49\frac{1}{2}$	27	3	29	1	31	0	32	2
50	28	0	29	2	31	1	33	0

A TABLE of SOLID MEASURE. 33

Feet long.	Inches Square.							
	10		$10\frac{1}{4}$		$10\frac{1}{2}$		$10\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	0	2	0	2	0	3	0	3
$1\frac{1}{2}$	1	0	1	0	1	C	1	0
2	1	1	1	1	1	2	1	2
$2\frac{1}{2}$	1	2	1	3	1	3	2	0
3	2	0	2	0	2	1	2	1
$3\frac{1}{2}$	2	1	2	2	2	2	2	3
4	2	3	2	3	3	C	3	0
$4\frac{1}{2}$	3	C	3	1	3	1	3	2
5	3	1	3	2	3	3	4	0
$5\frac{1}{2}$	3	3	4	0	4	C	4	1
6	4	0	4	1	4	2	4	3
$6\frac{1}{2}$	4	2	4	2	4	3	5	0
7	4	3	5	0	5	1	5	2
$7\frac{1}{2}$	5	0	5	1	5	2	6	0
8	5	2	5	3	6	0	6	1
$8\frac{1}{2}$	5	3	6	0	6	2	6	3
9	6	1	6	2	6	3	7	0
$9\frac{1}{2}$	6	2	6	3	7	1	7	2
10	6	3	7	1	7	2	8	0
$10\frac{1}{2}$	7	1	7	2	8	C	8	1
11	7	2	8	0	8	1	8	3
$11\frac{1}{2}$	7	3	8	1	8	3	9	0
12	8	1	8	3	9	C	9	2
$12\frac{1}{2}$	8	2	9	0	9	2	10	0
13	9	0	9	1	9	3	10	1
$13\frac{1}{2}$	9	1	9	3	10	1	10	3
14	9	2	10	0	10	2	11	0
$14\frac{1}{2}$	10	0	10	2	11	C	11	2
15	10	1	10	3	11	1	12	0

34 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	10		$10\frac{1}{4}$		$10\frac{1}{2}$		$10\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	10	3	11	1	11	3	12	1
16	11	0	11	2	12	1	12	3
$16\frac{1}{2}$	11	1	12	0	12	2	13	0
17	11	3	12	1	13	0	13	2
$17\frac{1}{2}$	12	0	12	3	13	1	14	0
18	12	2	13	0	13	3	14	1
$18\frac{1}{2}$	12	3	13	1	14	0	14	3
19	13	0	13	3	14	2	15	0
$19\frac{1}{2}$	13	2	14	0	14	3	15	2
20	13	3	14	2	15	1	16	0
$20\frac{1}{2}$	14	0	14	3	15	2	16	1
21	14	2	15	1	16	0	16	3
$21\frac{1}{2}$	14	3	15	2	16	1	17	1
22	15	1	16	0	16	3	17	2
$22\frac{1}{2}$	15	2	16	1	17	0	18	0
23	15	3	16	3	17	2	18	1
$23\frac{1}{2}$	16	1	17	0	17	3	18	3
24	16	2	17	2	18	1	19	1
$24\frac{1}{2}$	17	0	17	3	18	3	19	2
25	17	1	18	0	19	0	20	0
$25\frac{1}{2}$	17	2	18	2	19	2	20	1
26	18	0	18	3	19	3	20	3
$26\frac{1}{2}$	18	1	19	1	20	1	21	1
27	18	3	19	2	20	2	21	2
$27\frac{1}{2}$	19	0	20	0	21	0	22	0
28	19	1	20	1	21	1	22	1
$28\frac{1}{2}$	19	3	20	3	21	3	22	3
29	20	0	21	0	22	0	23	1
$29\frac{1}{2}$	20	1	21	2	22	2	23	2

A TABLE of SOLID MEASURE. 35

Feet long.	Inches Square.							
	10		$10\frac{1}{4}$		$10\frac{1}{2}$		$10\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	20	3 21	3 22	3 24	0			
$30\frac{1}{2}$	21	0 22	1 23	1 24	1			
31	21	2 22	2 23	2 24	3			
$31\frac{1}{2}$	21	3 22	3 24	0 25	1			
32	22	0 23	1 24	2 25	2			
$32\frac{1}{2}$	22	2 23	2 24	3 26	0			
33	22	3 24	0 25	1 26	1			
$33\frac{1}{2}$	23	1 24	1 25	2 26	3			
34	23	2 24	3 26	0 27	1			
$34\frac{1}{2}$	23	3 25	0 26	1 27	2			
35	24	1 25	2 26	3 28	0			
$35\frac{1}{2}$	24	2 25	3 27	0 28	1			
36	25	0 26	1 27	2 28	3			
$36\frac{1}{2}$	25	1 26	2 27	3 29	1			
37	25	2 26	3 28	1 29	2			
$37\frac{1}{2}$	26	0 27	1 28	2 30	0			
38	26	1 27	2 29	0 30	1			
$38\frac{1}{2}$	26	2 28	0 29	1 30	3			
39	27	0 28	1 29	3 31	1			
$39\frac{1}{2}$	27	1 28	3 30	0 31	2			
40	27	3 29	0 30	2 32	0			
$40\frac{1}{2}$	28	0 29	2 31	0 32	2			
41	28	1 29	3 31	1 32	3			
$41\frac{1}{2}$	28	3 30	1 31	3 33	1			
42	29	0 30	2 32	0 33	2			
$42\frac{1}{2}$	29	2 31	0 32	2 34	0			
43	29	3 31	1 32	3 34	2			
$43\frac{1}{2}$	30	0 31	2 33	1 34	3			
44	30	2 32	0 33	2 35	1			

36 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	10		$10\frac{1}{4}$		$10\frac{1}{2}$		$10\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	30	3	32	1	34	0	35	2
45	31	1	32	3	34	1	36	0
$45\frac{1}{2}$	31	2	33	0	34	3	36	2
46	31	3	33	2	35	0	36	3
$46\frac{1}{2}$	32	1	33	3	35	2	37	1
47	32	2	34	1	35	3	37	2
$47\frac{1}{2}$	32	3	34	2	36	1	38	0
48	33	1	35	0	36	3	38	2
$48\frac{1}{2}$	33	2	35	1	37	0	38	3
49	34	0	35	3	37	2	39	1
$49\frac{1}{2}$	34	1	36	0	37	3	39	2
50	34	2	36	1	38	1	40	0

A TABLE of SOLID MEASURE. 37

Feet long	Inches Square.							
	11		11 $\frac{1}{4}$		11 $\frac{1}{2}$		11 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	0	3	0	3	0	3	0	3
1 $\frac{1}{2}$	1	1	1	1	1	1	1	1
2	1	2	1	3	1	3	1	3
2 $\frac{1}{2}$	2	0	2	0	2	1	2	1
3	2	2	2	2	2	3	2	3
3 $\frac{1}{2}$	2	3	3	0	3	0	3	1
4	3	1	3	2	3	2	3	3
4 $\frac{1}{2}$	3	3	3	3	4	0	4	1
5	4	0	4	1	4	2	4	3
5 $\frac{1}{2}$	4	2	4	3	5	0	5	1
6	5	0	5	1	5	2	5	3
6 $\frac{1}{2}$	5	1	5	2	5	3	6	0
7	5	3	6	0	6	1	6	2
7 $\frac{1}{2}$	6	1	6	2	6	3	7	0
8	6	2	7	0	7	1	7	2
8 $\frac{1}{2}$	7	0	7	1	7	3	8	0
9	7	2	7	3	8	1	8	2
9 $\frac{1}{2}$	7	3	8	1	8	2	9	0
10	8	1	8	3	9	0	9	2
10 $\frac{1}{2}$	8	3	9	0	9	2	10	0
11	9	0	9	2	10	0	10	2
11 $\frac{1}{2}$	9	2	10	0	10	2	11	0
12	10	0	10	2	11	0	11	2
12 $\frac{1}{2}$	10	2	10	3	11	1	11	3
13	10	3	11	1	11	3	12	1
13 $\frac{1}{2}$	11	1	11	3	12	1	12	3
14	11	3	12	1	12	3	13	1
14 $\frac{1}{2}$	12	0	12	2	13	1	13	3
15	12	2	13	0	13	3	14	1

38 A TABLE of SOLID MEASURE.

Feet long	Inches Square.							
	11	11 $\frac{1}{2}$	11 $\frac{1}{2}$	11 $\frac{1}{2}$	11 $\frac{1}{2}$	11 $\frac{1}{2}$	11 $\frac{1}{2}$	11 $\frac{1}{2}$
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
15 $\frac{1}{2}$	13	0	13	2	14	0	14	3
16	13	1	14	0	14	2	15	1
16 $\frac{1}{2}$	13	3	14	2	15	0	15	3
17	14	1	14	3	15	2	16	1
17 $\frac{1}{2}$	14	2	15	1	16	0	16	3
18	15	0	15	3	16	2	17	1
18 $\frac{1}{2}$	15	2	16	1	16	3	17	2
19	15	3	16	2	17	1	18	0
19 $\frac{1}{2}$	16	1	17	0	17	3	18	2
20	16	3	17	2	18	1	19	0
20 $\frac{1}{2}$	17	0	18	0	18	3	19	2
21	17	2	18	1	19	1	20	0
21 $\frac{1}{2}$	18	0	18	3	19	2	20	2
22	18	1	19	1	20	0	21	0
22 $\frac{1}{2}$	18	3	19	3	20	2	21	2
23	19	1	20	0	21	0	22	0
23 $\frac{1}{2}$	19	2	20	2	21	2	22	2
24	20	0	21	0	22	0	23	0
24 $\frac{1}{2}$	20	2	21	2	22	2	23	1
25	21	0	21	3	22	3	23	3
25 $\frac{1}{2}$	21	1	22	1	23	1	24	1
26	21	3	22	3	23	3	24	3
26 $\frac{1}{2}$	22	1	23	1	24	1	25	1
27	22	2	23	2	24	3	25	3
27 $\frac{1}{2}$	23	0	24	0	25	1	26	1
28	23	2	24	2	25	2	26	3
28 $\frac{1}{2}$	23	3	25	0	26	0	27	1
29	24	1	25	1	26	2	27	3
29 $\frac{1}{2}$	24	3	25	3	27	0	28	1

A TABLE of SOLID MEASURE. 39

Feet long.	Inches Square.							
	11		$11\frac{1}{2}$		$11\frac{1}{2}$		$11\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	25	0	26	1	27	2	28	3
$30\frac{1}{2}$	25	2	26	3	28	0	29	0
31	26	0	27	0	28	1	29	2
$31\frac{1}{2}$	26	1	27	2	28	3	30	0
32	26	3	28	0	29	1	30	2
$32\frac{1}{2}$	27	1	28	2	29	3	31	0
33	27	2	29	0	30	1	31	2
$33\frac{1}{2}$	28	0	29	1	30	3	32	0
34	28	2	29	3	31	0	32	2
$34\frac{1}{2}$	28	3	30	1	31	2	33	0
35	29	1	30	3	32	0	33	2
$35\frac{1}{2}$	29	3	31	0	32	2	34	0
36	30	1	31	2	33	0	34	2
$36\frac{1}{2}$	30	2	32	0	33	2	34	3
37	31	0	32	2	33	3	35	1
$37\frac{1}{2}$	31	2	32	3	34	1	35	3
38	31	3	33	1	34	3	36	1
$38\frac{1}{2}$	32	1	33	3	35	1	36	3
39	32	3	34	1	35	3	37	1
$39\frac{1}{2}$	33	0	34	2	36	1	37	3
40	33	1	35	0	36	2	38	1
$40\frac{1}{2}$	34	0	35	2	37	0	38	3
41	34	1	36	0	37	2	39	1
$41\frac{1}{2}$	34	3	36	1	38	0	39	3
42	35	1	36	3	38	2	40	1
$42\frac{1}{2}$	35	2	37	1	39	0	40	2
43	36	0	37	3	39	1	41	0
$43\frac{1}{2}$	36	2	38	0	39	3	41	2
44	36	3	38	2	40	1	42	0

40 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	11		11 $\frac{1}{2}$		11 $\frac{1}{2}$		11 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
44 $\frac{1}{2}$	37	139	040	342	2			
45	37	339	241	143	0			
45 $\frac{1}{2}$	38	039	341	343	2			
46	38	240	142	044	0			
46 $\frac{1}{2}$	39	040	342	244	2			
47	39	141	143	045	0			
47 $\frac{1}{2}$	39	341	243	245	2			
48	40	142	044	046	0			
48 $\frac{1}{2}$	40	342	244	246	2			
49	41	043	044	346	3			
49 $\frac{1}{2}$	41	243	245	147	1			
50	42	043	345	347	3			

A TABLE of SOLID MEASURE. 41

Feet long.	Inches Square.							
	12		$12\frac{1}{4}$		$12\frac{1}{2}$		$12\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	1	0	1	0	1	0	1	0
$1\frac{1}{2}$	1	2	1	2	1	2	1	2
2	2	0	2	0	2	0	2	1
$2\frac{1}{2}$	2	2	2	2	2	2	2	3
3	3	0	3	0	3	1	3	1
$3\frac{1}{2}$	3	2	3	2	3	3	3	3
4	4	0	4	0	4	1	4	2
$4\frac{1}{2}$	4	2	4	2	4	3	5	0
5	5	0	5	0	5	1	5	2
$5\frac{1}{2}$	5	2	5	2	5	3	6	0
6	6	0	6	1	6	2	6	3
$6\frac{1}{2}$	6	2	6	3	7	0	7	1
7	7	0	7	1	7	2	7	3
$7\frac{1}{2}$	7	2	7	3	8	0	8	1
8	8	0	8	1	8	2	9	0
$8\frac{1}{2}$	8	2	8	3	9	0	9	2
9	9	0	9	1	9	3	10	0
$9\frac{1}{2}$	9	2	9	3	10	1	10	2
10	10	0	10	1	10	3	11	1
$10\frac{1}{2}$	10	2	10	3	11	1	11	3
11	11	0	11	1	11	3	12	1
$11\frac{1}{2}$	11	2	11	3	12	1	12	3
12	12	0	12	2	13	0	13	2
$12\frac{1}{2}$	12	2	13	0	13	2	14	0
13	13	0	13	2	14	0	14	2
$13\frac{1}{2}$	13	2	14	0	14	2	15	0
14	14	0	14	2	15	0	15	3
$14\frac{1}{2}$	14	2	15	0	15	2	16	1
15	15	0	15	2	16	1	16	3

42 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	12		$12\frac{1}{4}$		$12\frac{1}{2}$		$12\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	15	2	16	0	16	3	17	1
16	16	0	16	2	17	1	18	0
$16\frac{1}{2}$	16	2	17	0	17	3	18	2
17	17	0	17	2	18	1	19	0
$17\frac{1}{2}$	17	2	18	0	18	3	19	3
18	18	0	18	3	19	2	20	1
$18\frac{1}{2}$	18	2	19	1	20	0	20	3
19	19	0	19	3	20	2	21	1
$19\frac{1}{2}$	19	2	20	1	21	0	22	0
20	20	0	20	3	21	2	22	2
$20\frac{1}{2}$	20	2	21	1	22	0	23	0
21	21	0	21	3	22	3	23	2
$21\frac{1}{2}$	21	2	22	1	23	1	24	1
22	22	0	22	3	23	3	24	3
$22\frac{1}{2}$	22	2	23	1	24	1	25	1
23	23	0	23	3	24	3	25	3
$23\frac{1}{2}$	23	2	24	1	25	1	26	2
24	24	0	25	0	26	0	27	0
$24\frac{1}{2}$	24	2	25	2	26	2	27	2
25	25	0	26	0	27	0	28	0
$25\frac{1}{2}$	25	2	26	2	27	2	28	3
26	26	0	27	0	28	0	29	1
$26\frac{1}{2}$	26	2	27	2	28	3	29	3
27	27	0	28	0	29	1	30	1
$27\frac{1}{2}$	27	2	28	2	29	3	31	0
28	28	0	29	0	30	1	31	2
$28\frac{1}{2}$	28	2	29	2	30	3	32	0
29	29	0	30	0	31	1	32	2
$29\frac{1}{2}$	29	2	30	2	32	0	33	1

A TABLE of SOLID MEASURE. 43

Feet long.	Inches Square.							
	12		$12\frac{1}{2}$		$12\frac{1}{2}$		$12\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	30	0	31	1	32	2	33	3
$30\frac{1}{2}$	30	2	31	3	33	0	34	1
31	31	0	32	1	33	2	34	3
$31\frac{1}{2}$	31	2	32	3	34	0	35	2
32	32	0	33	1	34	2	36	0
$32\frac{1}{2}$	32	2	33	3	35	1	36	2
33	33	0	34	1	35	3	37	1
$33\frac{1}{2}$	33	2	34	3	36	1	37	3
34	34	0	35	1	36	3	38	1
$34\frac{1}{2}$	34	2	35	3	37	1	38	3
35	35	0	36	1	37	3	39	2
$35\frac{1}{2}$	35	2	36	3	38	2	40	0
36	36	0	37	2	39	0	40	2
$36\frac{1}{2}$	36	2	38	0	39	2	41	0
37	37	0	38	2	40	0	41	3
$37\frac{1}{2}$	37	2	39	0	40	2	42	1
38	38	0	39	2	41	0	42	3
$38\frac{1}{2}$	38	2	40	0	41	3	43	1
39	39	0	40	2	42	1	44	0
$39\frac{1}{2}$	39	2	41	0	42	3	44	2
40	40	0	41	2	43	1	45	0
$40\frac{1}{2}$	40	2	42	0	43	3	45	2
41	41	0	42	2	44	1	46	1
$41\frac{1}{2}$	41	2	43	0	45	0	46	3
42	42	0	43	3	45	2	47	1
$42\frac{1}{2}$	42	2	44	1	46	0	47	3
43	43	0	44	3	46	2	48	2
$43\frac{1}{2}$	43	2	45	1	47	0	49	0
44	44	0	45	3	47	2	49	2

44 A TABLE of SOLID MEASURE.

Feet long	Inches Square.							
	12		$12\frac{1}{4}$		$12\frac{1}{2}$		$12\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	44	246	148	150	0			
45	45	046	348	350	3			
$45\frac{1}{2}$	45	247	149	151	1			
46	46	047	349	351	3			
$46\frac{1}{2}$	46	248	150	152	1			
47	47	048	350	353	0			
$47\frac{1}{2}$	47	249	151	253	2			
48	48	050	052	054	0			
$48\frac{1}{2}$	48	250	252	254	3			
49	49	051	053	055	1			
$49\frac{1}{2}$	49	251	253	255	3			
50	50	052	054	156	1			

A TABLE of SOLID MEASURE. 45

Feet long.	Inches Square.							
	13		13 $\frac{1}{4}$		13 $\frac{1}{2}$		13 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	1	0	1	0	1	1	1	1
1 $\frac{1}{2}$	1	3	1	3	1	3	1	3
2	2	1	2	1	2	2	2	2
2 $\frac{1}{2}$	2	3	3	0	3	0	3	1
3	3	2	3	2	3	3	3	3
3 $\frac{1}{2}$	4	0	4	1	4	1	4	2
4	4	2	4	3	5	0	5	1
4 $\frac{1}{2}$	5	1	5	1	5	2	5	3
5	5	3	6	0	6	1	6	2
5 $\frac{1}{2}$	6	1	6	2	6	3	7	0
6	7	0	7	1	7	2	7	3
6 $\frac{1}{2}$	7	2	7	3	8	0	8	2
7	8	0	8	2	8	3	9	0
7 $\frac{1}{2}$	8	3	9	0	9	1	9	3
8	9	1	9	3	10	0	10	2
8 $\frac{1}{2}$	9	3	10	1	10	3	11	0
9	10	2	10	3	11	1	11	3
9 $\frac{1}{2}$	11	0	11	2	12	0	12	1
10	11	2	12	0	12	2	13	0
10 $\frac{1}{2}$	12	1	12	3	13	1	13	3
11	12	3	13	1	13	3	14	1
11 $\frac{1}{2}$	13	1	14	0	14	2	15	0
12	14	0	14	2	15	0	15	3
12 $\frac{1}{2}$	14	2	15	0	15	3	16	1
13	15	1	15	3	16	1	17	0
13 $\frac{1}{2}$	15	3	16	1	17	0	17	2
14	16	1	17	0	17	2	18	1
14 $\frac{1}{2}$	17	0	17	2	18	1	19	0
15	17	2	18	1	18	3	19	2

46 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	13		$13\frac{1}{4}$		$13\frac{1}{2}$		$13\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	18	0	18	3	19	2	20	1
16	18	3	19	2	20	1	21	0
$16\frac{1}{2}$	19	1	20	0	20	3	21	2
17	19	3	20	2	21	2	22	1
$17\frac{1}{2}$	20	2	21	1	22	0	22	3
18	21	0	21	3	22	3	23	2
$18\frac{1}{2}$	21	2	22	2	23	1	24	1
19	22	1	23	0	24	0	24	3
$19\frac{1}{2}$	22	3	23	3	24	2	25	2
20	23	1	24	1	25	1	26	1
$20\frac{1}{2}$	24	0	24	3	25	3	26	3
21	24	2	25	2	26	2	27	2
$21\frac{1}{2}$	25	0	26	0	27	0	28	0
22	25	3	26	3	27	3	28	3
$22\frac{1}{2}$	26	1	27	1	28	1	29	2
23	26	3	28	0	29	0	30	0
$23\frac{1}{2}$	27	2	28	2	29	2	30	3
24	28	0	29	1	30	1	31	2
$24\frac{1}{2}$	28	3	29	3	31	0	32	0
25	29	1	30	1	31	2	32	3
$25\frac{1}{2}$	29	3	31	0	32	1	33	1
26	30	2	31	2	32	3	34	0
$26\frac{1}{2}$	31	0	32	1	33	2	34	3
27	31	2	32	3	34	0	35	1
$27\frac{1}{2}$	32	1	33	2	34	3	36	0
28	32	3	34	0	35	1	36	3
$28\frac{1}{2}$	33	1	34	2	36	0	37	1
29	34	0	35	1	36	2	38	0
$29\frac{1}{2}$	34	2	35	3	37	1	38	2

A TABLE of SOLID MEASURE. 47

Feet long	Inches Square.							
	13		$13\frac{1}{4}$		$13\frac{1}{2}$		$13\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	35	0	36	2	37	3	39	1
$30\frac{1}{2}$	35	3	37	0	38	2	40	0
31	36	1	37	3	39	0	40	2
$31\frac{1}{2}$	36	3	38	1	39	3	41	1
32	37	2	39	0	40	2	42	0
$32\frac{1}{2}$	38	0	39	2	41	0	42	2
33	38	2	40	0	41	3	43	1
$33\frac{1}{2}$	39	1	40	3	42	1	43	3
34	39	3	41	1	43	0	44	2
$34\frac{1}{2}$	40	1	42	0	43	2	45	1
35	41	0	42	2	44	1	45	3
$35\frac{1}{2}$	41	2	43	1	44	3	46	2
36	42	1	43	3	45	2	47	1
$36\frac{1}{2}$	42	3	44	2	45	0	47	3
37	43	1	45	0	46	3	48	2
$37\frac{1}{2}$	44	0	45	2	47	1	49	0
38	44	2	46	1	48	0	49	3
$38\frac{1}{2}$	45	0	46	3	48	2	50	2
39	45	3	47	2	49	1	51	0
$39\frac{1}{2}$	46	1	48	0	49	3	51	3
40	46	3	48	3	50	2	52	2
$40\frac{1}{2}$	47	2	49	1	51	1	53	0
41	48	0	49	3	51	3	53	3
$41\frac{1}{2}$	48	2	50	2	52	2	54	1
42	49	1	51	0	53	0	55	0
$42\frac{1}{2}$	49	3	51	3	53	3	55	3
43	50	1	52	1	54	1	56	1
$43\frac{1}{2}$	51	0	53	0	55	0	57	0
44	51	2	53	2	55	2	57	3

48 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	13		$13\frac{1}{4}$		$13\frac{1}{2}$		$13\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	52	0	54	1	56	1	58	1
45	52	3	54	3	56	3	59	0
$45\frac{1}{2}$	53	1	55	1	57	2	59	2
46	53	3	56	0	58	0	60	1
$46\frac{1}{2}$	54	2	56	2	58	3	61	0
47	55	0	57	1	59	1	61	2
$47\frac{1}{2}$	55	2	57	3	60	0	62	1
48	56	1	58	2	60	3	63	0
$48\frac{1}{2}$	56	3	59	0	61	1	63	2
49	57	2	59	2	62	0	64	1
$49\frac{1}{2}$	58	0	60	1	62	2	64	3
50	58	2	60	3	63	1	65	2

A TABLE of SOLID MEASURE. 49

Feet long.	Inches Square.							
	14		14 $\frac{1}{4}$		14 $\frac{1}{2}$		14 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	1	1	1	1	1	1	1	2
1 $\frac{1}{2}$	2	0	2	0	2	0	2	1
2	2	2	2	3	2	3	3	0
2 $\frac{1}{2}$	3	1	3	2	3	2	3	3
3	4	0	4	0	4	1	4	2
3 $\frac{1}{2}$	4	3	4	3	5	0	5	1
4	5	1	5	2	5	3	6	0
4 $\frac{1}{2}$	6	0	6	1	6	2	6	3
5	6	3	7	0	7	1	7	2
5 $\frac{1}{2}$	7	1	7	3	8	0	8	1
6	8	0	8	1	8	3	9	0
6 $\frac{1}{2}$	8	5	9	0	9	1	9	3
7	9	2	9	3	10	0	10	2
7 $\frac{1}{2}$	10	0	10	2	10	3	11	1
8	10	3	11	1	11	2	12	0
8 $\frac{1}{2}$	11	2	11	3	12	1	12	3
9	12	1	12	2	13	0	13	2
9 $\frac{1}{2}$	12	3	13	1	13	3	14	1
10	13	2	14	0	14	2	15	0
10 $\frac{1}{2}$	14	1	14	3	15	1	15	3
11	14	3	15	2	16	0	16	2
11 $\frac{1}{2}$	15	2	16	0	16	3	17	1
12	16	1	16	3	17	2	18	0
12 $\frac{1}{2}$	17	0	17	2	18	1	18	3
13	17	2	18	1	18	3	19	2
13 $\frac{1}{2}$	18	1	19	0	19	2	20	1
14	19	0	19	2	20	1	21	0
14 $\frac{1}{2}$	19	2	20	1	21	0	21	3
15	20	1	21	0	21	3	22	2

50 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	14		$14\frac{1}{4}$		$14\frac{1}{2}$		$14\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	21	0	21	3	22	2	23	1
16	21	3	22	2	23	1	24	0
$16\frac{1}{2}$	22	1	23	1	24	0	24	3
17	23	0	23	3	24	3	25	2
$17\frac{1}{2}$	23	3	24	2	25	2	26	1
18	24	2	25	1	26	1	27	0
$18\frac{1}{2}$	25	0	26	0	27	0	27	3
19	25	3	26	3	27	2	28	2
$19\frac{1}{2}$	26	2	27	1	28	1	29	1
20	27	0	28	0	29	0	30	0
$20\frac{1}{2}$	27	3	28	3	29	3	30	3
21	28	2	29	2	30	2	31	2
$21\frac{1}{2}$	29	1	30	1	31	1	32	1
22	29	3	31	1	32	0	33	0
$22\frac{1}{2}$	30	2	31	2	32	3	33	3
23	31	1	32	1	33	2	34	2
$23\frac{1}{2}$	31	3	33	0	34	1	35	2
24	32	2	33	3	35	0	36	1
$24\frac{1}{2}$	33	1	34	2	35	3	37	0
25	34	0	35	1	36	2	37	3
$25\frac{1}{2}$	34	2	35	3	37	0	38	2
26	35	1	36	2	37	3	39	1
$26\frac{1}{2}$	36	0	37	1	38	2	40	0
27	36	3	38	0	39	1	40	3
$27\frac{1}{2}$	37	1	38	3	40	0	41	2
28	38	0	39	1	40	3	42	1
$28\frac{1}{2}$	38	3	40	0	41	2	43	0
29	39	1	40	3	42	1	43	3
$29\frac{1}{2}$	40	0	41	2	43	0	44	2

A TABLE of SOLID MEASURE. 51

Feet long.	Inches Square.							
	14		14 $\frac{1}{2}$		14 $\frac{1}{2}$		14 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	40	3 42	1 43	3 45	1			
30 $\frac{1}{2}$	41	2 43	0 44	2 46	0			
31	42	0 43	2 45	1 46	3			
31 $\frac{1}{2}$	42	3 44	1 45	3 47	2			
32	43	2 45	0 46	2 48	1			
32 $\frac{1}{2}$	44	0 45	3 47	1 49	0			
33	44	3 46	2 48	0 49	3			
33 $\frac{1}{2}$	45	2 47	0 48	3 50	2			
34	46	1 47	3 49	2 51	1			
34 $\frac{1}{2}$	46	3 48	2 50	1 52	0			
35	47	2 49	1 51	0 52	3			
35 $\frac{1}{2}$	48	1 50	0 51	3 53	2			
36	49	0 50	3 52	2 54	1			
36 $\frac{1}{2}$	49	2 51	1 53	1 55	0			
37	50	1 52	0 54	0 55	3			
37 $\frac{1}{2}$	51	0 52	3 54	3 56	2			
38	51	2 53	2 55	1 57	1			
38 $\frac{1}{2}$	52	1 54	1 56	0 58	0			
39	53	0 54	3 56	3 58	3			
39 $\frac{1}{2}$	53	3 55	2 57	2 59	2			
40	54	1 56	1 58	1 60	1			
40 $\frac{1}{2}$	55	0 57	0 59	0 61	0			
41	55	3 57	3 59	3 61	3			
41 $\frac{1}{2}$	56	1 58	2 60	2 62	2			
42	57	0 59	0 61	1 63	1			
42 $\frac{1}{2}$	57	3 59	3 62	0 64	0			
43	58	2 60	2 62	3 64	3			
43 $\frac{1}{2}$	59	0 61	1 63	2 65	2			
44	59	3 62	0 64	0 66	1			

52 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	14		$14\frac{1}{4}$		$14\frac{1}{2}$		$14\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	60	262	364	367	0			
45	61	163	165	267	3			
$45\frac{1}{2}$	61	364	066	168	2			
46	62	264	367	069	1			
$46\frac{1}{2}$	63	165	267	370	1			
47	63	366	168	271	0			
$47\frac{1}{2}$	64	266	369	171	3			
48	65	167	270	072	2			
$48\frac{1}{2}$	66	068	170	373	1			
49	66	269	071	274	0			
$49\frac{1}{2}$	67	169	372	174	3			
50	68	070	273	075	2			

A TABLE of SOLID MEASURE. 53

Feet long.	Inches Square.							
	15		15 $\frac{1}{4}$		15 $\frac{1}{2}$		15 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	1	2	1	2	1	2	1	2
1 $\frac{1}{2}$	2	1	2	1	2	2	2	2
2	3	0	3	0	3	1	3	1
2 $\frac{1}{2}$	3	3	4	0	4	0	4	1
3	4	2	4	3	5	0	5	0
3 $\frac{1}{2}$	5	1	5	2	5	3	6	0
4	6	1	6	1	6	2	6	3
4 $\frac{1}{2}$	7	0	7	1	7	2	7	3
5	7	3	8	0	8	1	8	2
5 $\frac{1}{2}$	8	2	8	3	9	0	9	1
6	9	1	9	2	10	0	10	1
6 $\frac{1}{2}$	10	0	10	1	10	3	11	0
7	10	3	11	1	11	2	12	0
7 $\frac{1}{2}$	11	2	12	0	12	2	12	3
8	12	2	12	3	13	1	13	3
8 $\frac{1}{2}$	13	1	13	2	14	0	14	2
9	14	0	14	2	15	0	15	2
9 $\frac{1}{2}$	14	3	15	1	15	3	16	1
10	15	2	16	0	16	2	17	0
10 $\frac{1}{2}$	16	1	16	3	17	2	18	0
11	17	0	17	3	18	1	18	3
11 $\frac{1}{2}$	17	3	18	2	19	0	19	3
12	18	3	19	1	20	0	20	2
12 $\frac{1}{2}$	19	2	20	0	20	3	21	2
13	20	1	20	3	21	2	22	1
13 $\frac{1}{2}$	21	0	21	3	22	2	23	1
14	21	3	22	2	23	1	24	0
14 $\frac{1}{2}$	22	2	23	1	24	0	24	3
15	23	1	24	0	25	0	25	3

34 A TABLE of SOLID MEASURE.

Feet long.	Inches Square							
	15		15 $\frac{1}{4}$		15 $\frac{1}{2}$		15 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
15 $\frac{1}{2}$	24	0	25	0	25	3	26	2
16	25	0	25	3	26	2	27	2
16 $\frac{1}{2}$	25	3	26	2	27	2	28	1
17	26	2	27	1	28	1	29	1
17 $\frac{1}{2}$	27	1	28	1	29	0	30	0
18	28	0	29	0	30	0	31	0
18 $\frac{1}{2}$	28	3	29	3	30	3	31	3
19	29	2	30	2	31	2	32	2
19 $\frac{1}{2}$	30	1	31	1	32	2	33	2
20	31	1	32	1	33	1	34	1
20 $\frac{1}{2}$	32	0	33	0	34	0	35	1
21	32	3	33	3	35	0	36	0
21 $\frac{1}{2}$	33	2	34	2	35	3	37	0
22	34	1	35	2	36	2	37	3
22 $\frac{1}{2}$	35	0	36	1	37	2	38	3
23	35	3	37	0	38	1	39	2
23 $\frac{1}{2}$	36	2	37	3	39	0	40	1
24	37	2	38	3	40	0	41	1
24 $\frac{1}{2}$	38	1	39	2	40	3	42	0
25	39	0	40	1	41	2	43	0
25 $\frac{1}{2}$	39	3	41	0	42	2	43	3
26	40	2	41	3	43	1	44	3
26 $\frac{1}{2}$	41	1	42	3	44	0	45	2
27	42	0	43	2	45	0	46	2
27 $\frac{1}{2}$	42	3	44	1	45	3	47	1
28	43	3	45	0	46	2	48	0
28 $\frac{1}{2}$	44	2	46	0	47	2	49	0
29	45	1	46	3	48	1	49	3
29 $\frac{1}{2}$	46	0	47	2	49	0	50	3

A TABLE of SOLID MEASURE. 55

Feet long.	Inches Square.							
	15		15½		15¾		15¾	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	46	348	150	051	2			
30½	47	249	150	352	2			
31	48	150	051	253	1			
31½	49	050	352	254	1			
32	50	051	253	155	0			
32½	50	352	154	055	3			
33	51	253	155	056	3			
33½	52	154	055	357	2			
34	53	054	356	258	2			
34½	53	355	257	259	1			
35	54	256	258	160	1			
35½	55	157	159	061	0			
36	56	158	050	062	0			
36½	57	058	350	362	3			
37	57	559	351	263	2			
37½	58	260	252	264	2			
38	59	161	153	165	1			
38½	50	062	054	066	1			
39	50	362	355	067	0			
39½	51	263	355	368	0			
40	52	264	266	268	3			
40½	53	165	167	269	3			
41	54	066	068	170	2			
41½	54	367	069	071	1			
42	65	267	370	072	1			
42½	56	168	270	373	0			
43	57	069	171	274	0			
43½	67	370	172	274	3			
44	68	371	073	175	3			

56 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	15		$15\frac{1}{2}$		$15\frac{1}{2}$		$15\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	69	271	374	076	2			
45	70	172	275	077	2			
$45\frac{1}{2}$	71	073	175	378	1			
46	71	374	176	279	0			
$46\frac{1}{2}$	72	275	077	280	0			
47	73	175	378	180	3			
$47\frac{1}{2}$	74	076	279	081	3			
48	75	077	280	082	2			
$48\frac{1}{2}$	75	378	180	383	2			
49	76	279	081	384	1			
$49\frac{1}{2}$	77	179	382	285	1			
50	78	080	383	186	0			

A TABLE of SOLID MEASURE. 57

Feet long.	Inches Square.							
	16		$16\frac{1}{2}$		$16\frac{1}{2}$		$16\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	1	3	1	3	1	3	1	3
$1\frac{1}{2}$	2	2	2	3	2	3	2	3
2	3	2	3	2	3	3	3	3
$2\frac{1}{2}$	4	1	4	2	4	2	4	3
3	5	1	5	2	5	2	5	3
$3\frac{1}{2}$	6	0	6	1	6	2	6	3
4	7	0	7	1	7	2	7	3
$4\frac{1}{2}$	8	0	8	1	8	2	8	3
5	8	3	9	0	9	1	9	2
$5\frac{1}{2}$	9	3	10	0	10	1	10	2
6	10	2	11	0	11	1	11	2
$6\frac{1}{2}$	11	2	11	3	12	1	12	2
7	12	1	12	3	13	0	13	2
$7\frac{1}{2}$	13	1	13	3	14	0	14	2
8	14	0	14	2	15	0	15	2
$8\frac{1}{2}$	15	0	15	2	16	0	16	2
9	16	0	16	2	17	0	17	2
$9\frac{1}{2}$	16	3	17	1	17	3	18	2
10	17	3	18	1	18	3	19	1
$10\frac{1}{2}$	18	2	19	1	19	3	20	1
11	19	2	20	0	20	3	21	1
$11\frac{1}{2}$	20	1	21	0	21	2	22	1
12	21	1	22	0	22	2	23	1
$12\frac{1}{2}$	22	0	22	3	23	2	24	1
13	23	0	23	3	24	2	25	1
$13\frac{1}{2}$	24	0	24	3	25	2	26	1
14	24	3	25	2	26	1	27	1
$14\frac{1}{2}$	25	3	26	2	27	1	28	1
15	26	2	27	2	28	1	29	0

58 A TABLE of SOLID MEASURE.

Feet long	Inches Square.							
	16		$16\frac{1}{4}$		$16\frac{1}{2}$		$16\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	27	2	28	1	29	1	30	0
16	28	1	29	1	30	1	31	0
$16\frac{1}{2}$	29	1	30	1	31	0	32	0
17	30	0	31	0	32	0	33	0
$17\frac{1}{2}$	31	0	32	0	33	0	34	0
18	32	0	33	0	34	0	35	0
$18\frac{1}{2}$	32	3	33	3	34	3	36	0
19	33	3	34	3	35	3	37	0
$19\frac{1}{2}$	34	2	35	3	36	3	37	3
20	35	2	36	2	37	3	38	3
$20\frac{1}{2}$	36	1	37	2	38	3	39	3
21	37	1	38	2	39	2	40	3
$21\frac{1}{2}$	38	0	39	1	40	2	41	3
22	39	0	40	1	41	2	42	3
$22\frac{1}{2}$	40	0	41	1	42	2	43	3
23	40	3	42	0	43	1	44	3
$23\frac{1}{2}$	41	3	43	0	44	1	45	3
24	42	2	44	0	45	1	46	3
$24\frac{1}{2}$	43	2	44	3	46	1	47	2
25	44	1	45	3	47	1	48	2
$25\frac{1}{2}$	45	1	46	3	48	0	49	2
26	46	0	47	2	49	0	50	2
$26\frac{1}{2}$	47	0	48	2	50	0	51	2
27	48	0	49	2	51	0	52	2
$27\frac{1}{2}$	48	3	50	1	51	3	53	2
28	49	3	51	1	52	3	54	2
$28\frac{1}{2}$	50	2	52	1	53	3	55	2
29	51	2	53	0	54	3	56	2
$29\frac{1}{2}$	52	1	54	0	55	3	57	1

A TABLE of SOLID MEASURE. 59

Feet long.	Inches Square.							
	16		$16\frac{1}{2}$		$16\frac{1}{2}$		$16\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	53	155	056	258	1			
$30\frac{1}{2}$	54	055	357	259	1			
31	55	056	358	260	1			
$31\frac{1}{2}$	56	057	359	261	1			
32	56	358	260	262	1			
$32\frac{1}{2}$	57	359	261	163	1			
33	58	260	262	164	1			
$33\frac{1}{2}$	59	261	163	165	1			
34	60	162	164	166	0			
$34\frac{1}{2}$	61	163	165	067	0			
35	62	064	066	068	0			
$35\frac{1}{2}$	63	065	067	069	0			
36	64	066	068	070	0			
$36\frac{1}{2}$	64	366	369	071	0			
37	65	367	369	372	0			
$37\frac{1}{2}$	66	268	370	373	0			
38	67	269	271	374	0			
$38\frac{1}{2}$	68	170	272	375	0			
39	69	171	273	275	3			
$39\frac{1}{2}$	70	072	174	276	3			
40	71	073	175	277	3			
$40\frac{1}{2}$	72	074	176	278	3			
41	72	375	077	279	3			
$41\frac{1}{2}$	73	376	078	180	3			
42	74	277	079	181	3			
$42\frac{1}{2}$	75	277	380	182	3			
43	76	178	381	183	3			
$43\frac{1}{2}$	77	179	382	084	3			
44	78	080	283	085	2			

60 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	16		$16\frac{1}{4}$		$16\frac{1}{2}$		$16\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	79	081	284	086	2			
45	80	082	285	087	2			
$45\frac{1}{2}$	80	383	186	088	2			
46	81	384	186	389	2			
$46\frac{1}{2}$	82	285	187	390	2			
47	83	286	088	391	2			
$47\frac{1}{2}$	84	187	089	392	2			
48	85	188	090	393	2			
$48\frac{1}{2}$	86	088	391	294	1			
49	87	089	392	295	1			
$49\frac{1}{2}$	88	090	393	296	1			
50	88	391	294	297	1			

A TABLE of SOLID MEASURE. 61

Feet long.	Inches Square.							
	17		$17\frac{1}{4}$		$17\frac{1}{2}$		$17\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	2	0	2	0	2	0	2	0
$1\frac{1}{2}$	3	0	3	0	3	0	3	1
2	4	0	4	0	4	1	4	1
$2\frac{1}{2}$	5	0	5	0	5	1	5	1
3	6	0	6	0	6	1	6	2
$3\frac{1}{2}$	7	0	7	0	7	1	7	2
4	8	0	8	1	8	2	8	3
$4\frac{1}{2}$	9	0	9	1	9	2	9	3
5	10	0	10	1	10	2	10	3
$5\frac{1}{2}$	11	0	11	1	11	2	12	0
6	12	0	12	1	12	3	13	0
$6\frac{1}{2}$	13	0	13	1	13	3	14	0
7	14	0	14	1	14	3	15	1
$7\frac{1}{2}$	15	0	15	1	15	3	16	1
8	16	0	16	2	17	0	17	2
$8\frac{1}{2}$	17	0	17	2	18	0	18	2
9	18	0	18	2	19	0	19	2
$9\frac{1}{2}$	19	0	19	2	20	0	20	3
10	20	0	20	2	21	1	21	3
$10\frac{1}{2}$	21	0	21	2	22	1	22	3
11	22	0	22	2	23	1	24	0
$11\frac{1}{2}$	23	0	23	3	24	1	25	0
12	24	0	24	3	25	2	25	1
$12\frac{1}{2}$	25	0	25	3	26	2	27	1
13	26	0	26	3	27	2	28	1
$13\frac{1}{2}$	27	0	27	3	28	2	29	2
14	28	0	28	3	29	3	30	2
$14\frac{1}{2}$	29	0	29	3	30	3	31	2
15	30	0	30	3	31	3	32	3

62 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	17		17½		17⅞		17¾	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
15½	31	0	32	0	32	3	33	3
16	32	0	33	0	34	0	35	0
16½	33	0	34	0	35	0	36	0
17	34	0	35	0	36	0	37	0
17½	35	0	36	0	37	0	38	1
18	36	0	37	0	38	1	39	1
18½	37	0	38	0	39	1	40	1
19	38	0	39	1	40	1	41	2
19½	39	0	40	1	41	1	42	2
20	40	0	41	1	42	2	43	3
20½	41	0	42	1	43	2	44	3
21	42	0	43	1	44	2	45	3
21½	43	0	44	1	45	2	47	0
22	44	0	45	1	46	3	48	0
22½	45	0	46	1	47	3	49	0
23	46	0	47	2	48	3	50	1
23½	47	0	48	2	49	3	51	1
24	48	0	49	2	51	0	52	2
24½	49	0	50	2	52	0	53	2
25	50	0	51	2	53	0	54	2
25½	51	0	52	2	54	0	55	3
26	52	0	53	2	55	1	56	3
26½	53	0	54	3	56	1	57	3
27	54	0	55	3	57	1	59	0
27½	55	0	56	3	58	1	60	0
28	56	0	57	3	59	2	61	1
28½	57	0	58	3	60	2	62	1
29	58	0	59	3	61	2	63	1
29½	59	0	60	3	62	2	64	2

A TABLE of SOLID MEASURE. 63

Feet long.	Inches Square.							
	17		17 $\frac{1}{4}$		17 $\frac{1}{2}$		17 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	60	061	363	365	2			
30 $\frac{1}{2}$	61	063	064	366	2			
31	62	064	065	367	3			
31 $\frac{1}{2}$	63	065	066	368	3			
32	64	066	068	070	0			
32 $\frac{1}{2}$	65	067	069	071	0			
33	66	068	070	072	0			
33 $\frac{1}{2}$	67	069	071	073	1			
34	68	070	172	174	1			
34 $\frac{1}{2}$	69	071	173	175	1			
35	70	072	174	176	2			
35 $\frac{1}{2}$	71	073	175	177	2			
36	72	174	176	278	3			
36 $\frac{1}{2}$	73	175	177	279	3			
37	74	176	178	280	3			
37 $\frac{1}{2}$	75	177	179	382	0			
38	76	173	280	383	0			
38 $\frac{1}{2}$	77	179	281	384	0			
39	78	180	282	385	1			
39 $\frac{1}{2}$	79	181	284	086	1			
40	80	182	285	087	2			
40 $\frac{1}{2}$	81	183	286	088	2			
41	82	184	287	089	2			
41 $\frac{1}{2}$	83	185	388	190	3			
42	84	186	389	191	3			
42 $\frac{1}{2}$	85	187	390	192	3			
43	86	188	391	194	0			
43 $\frac{1}{2}$	87	189	392	295	0			
44	88	190	393	296	1			

64 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	17		$17\frac{1}{4}$		$17\frac{1}{2}$		$17\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	89	1	91	3	94	2	97	1
45	90	1	92	3	95	2	98	1
$45\frac{1}{2}$	91	1	94	0	96	3	99	2
46	92	1	95	0	97	3	100	2
$46\frac{1}{2}$	93	1	96	0	98	3	101	2
47	94	1	97	0	99	3	102	3
$47\frac{1}{2}$	95	1	98	0	101	0	103	3
48	96	1	99	0	102	0	105	0
$48\frac{1}{2}$	97	1	100	0	103	0	106	0
49	98	1	101	1	104	0	107	0
$49\frac{1}{2}$	99	1	102	1	105	1	108	1
50	100	1	103	1	106	1	109	1

A TABLE of SOLID MEASURE. 65

Feet long	Inches Square.							
	18		$18\frac{1}{4}$		$18\frac{1}{2}$		$18\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	2	1	2	1	2	1	2	1
$1\frac{1}{2}$	3	1	3	1	3	2	3	2
2	4	2	4	2	4	3	4	3
$2\frac{1}{2}$	5	2	5	3	5	3	6	0
3	6	3	6	3	7	0	7	1
$3\frac{1}{2}$	7	3	8	0	8	1	8	2
4	9	0	9	1	9	2	9	3
$4\frac{1}{2}$	10	0	10	1	10	2	10	3
5	11	1	11	2	11	3	12	0
$5\frac{1}{2}$	12	1	12	2	13	0	13	1
6	13	2	13	3	14	1	14	2
$6\frac{1}{2}$	14	2	15	0	15	1	15	3
7	15	3	16	0	16	2	17	0
$7\frac{1}{2}$	16	3	17	1	17	3	18	1
8	18	0	18	2	19	0	19	2
$8\frac{1}{2}$	19	0	19	2	20	0	20	3
9	20	1	20	3	21	1	21	3
$9\frac{1}{2}$	21	1	21	3	22	2	23	0
10	22	2	23	0	23	3	24	1
$10\frac{1}{2}$	23	2	24	1	24	3	25	2
11	24	3	25	1	26	0	26	3
$11\frac{1}{2}$	25	3	26	2	27	1	28	0
12	27	0	27	3	28	2	29	1
$12\frac{1}{2}$	28	0	28	3	29	2	30	2
13	29	1	30	0	30	3	31	2
$13\frac{1}{2}$	30	1	31	0	32	0	32	3
14	31	2	32	1	33	1	34	0
$14\frac{1}{2}$	32	2	33	2	34	1	35	1
15	33	3	34	2	35	2	36	2

66 A TABLE of SOLID MEASURE.

Feet long	Inches Square.							
	18		$18\frac{1}{2}$		$18\frac{1}{2}$		$48\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	34	3	35	3	36	3	37	3
16	36	0	37	0	38	0	39	0
$16\frac{1}{2}$	37	0	38	0	39	0	40	1
17	38	1	39	1	40	1	41	2
$17\frac{1}{2}$	39	1	40	1	41	2	42	2
18	40	2	41	2	42	3	43	3
$18\frac{1}{2}$	41	2	42	3	43	3	45	0
19	42	3	43	3	45	0	46	1
$19\frac{1}{2}$	43	3	45	0	46	1	47	2
20	45	0	46	1	47	2	48	3
$20\frac{1}{2}$	46	0	47	1	48	2	50	0
21	47	1	48	2	49	3	51	1
$21\frac{1}{2}$	48	1	49	2	51	0	52	1
22	49	2	50	3	52	1	53	2
$22\frac{1}{2}$	50	2	52	0	53	1	54	3
23	51	3	53	0	54	2	56	0
$23\frac{1}{2}$	52	3	54	1	55	3	57	1
24	54	0	55	2	57	0	58	2
$24\frac{1}{2}$	55	0	56	2	58	0	59	3
25	56	1	57	3	59	1	61	0
$25\frac{1}{2}$	57	1	58	3	60	2	62	1
26	58	2	60	0	61	3	63	1
$26\frac{1}{2}$	59	2	61	1	62	3	64	2
27	60	3	62	1	64	0	65	3
$27\frac{1}{2}$	61	3	63	2	65	1	67	0
28	63	0	64	3	66	2	68	1
$28\frac{1}{2}$	64	0	65	3	67	2	69	2
29	65	1	67	0	68	3	70	3
$29\frac{1}{2}$	66	1	68	0	70	0	72	0

A TABLE of SOLID MEASURE. 67.

Feet long.	Inches Square.							
	18		$18\frac{1}{2}$		$18\frac{1}{2}$		$18\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	67	269	171	173	0			
$30\frac{1}{2}$	68	270	272	174	1			
31	69	371	273	275	2			
$31\frac{1}{2}$	70	372	374	376	3			
32	72	074	076	078	0			
$32\frac{1}{2}$	73	075	077	079	1			
33	74	176	178	180	2			
$33\frac{1}{2}$	75	177	179	281	3			
34	76	278	280	383	0			
$34\frac{1}{2}$	77	279	381	384	0			
35	78	380	383	085	1			
$35\frac{1}{2}$	79	382	084	186	2			
36	81	083	185	287	3			
$36\frac{1}{2}$	82	084	186	389	0			
37	83	185	287	390	1			
$37\frac{1}{2}$	84	186	289	091	2			
38	85	287	390	192	3			
$38\frac{1}{2}$	86	289	091	293	3			
39	87	390	092	295	0			
$39\frac{1}{2}$	88	391	193	396	1			
40	90	092	295	097	2			
$40\frac{1}{2}$	91	093	296	198	3			
41	92	194	397	1100	0			
$41\frac{1}{2}$	93	195	398	2101	1			
42	94	297	099	3102	2			
$42\frac{1}{2}$	95	298	1101	0103	3			
43	96	399	1102	0104	3			
$43\frac{1}{2}$	97	3100	2103	1106	0			
44	99	0101	3104	2107	1			

68 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	18	18 $\frac{1}{2}$	18 $\frac{1}{2}$	18 $\frac{1}{2}$	18 $\frac{1}{2}$	18 $\frac{1}{2}$	18 $\frac{1}{2}$	18 $\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.
44 $\frac{1}{2}$	100 0	102 3	105 3	108 2				
45	101 1	104 0	106 3	109 3				
45 $\frac{1}{2}$	102 1	105 0	108 0	111 0				
46	103 2	106 1	109 1	112 1				
46 $\frac{1}{2}$	104 2	107 2	110 2	113 2				
47	105 3	108 2	111 2	114 2				
47 $\frac{1}{2}$	106 3	109 3	112 3	115 3				
48	108 0	111 0	114 0	117 0				
48 $\frac{1}{2}$	109 0	112 0	115 1	118 1				
49	110 1	113 1	116 1	119 2				
49 $\frac{1}{2}$	111 1	114 1	117 2	120 3				
50	112 2	115 2	118 3	122 0				

A TABLE of SOLID MEASURE. 69

Feet long	Inches Square.							
	19		19 $\frac{1}{4}$		19 $\frac{1}{2}$		19 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	2	2	2	2	2	2	2	2
1 $\frac{1}{2}$	3	3	3	3	3	3	4	0
2	5	0	5	0	5	1	5	1
2 $\frac{1}{2}$	6	1	6	1	6	2	6	3
3	7	2	7	2	7	3	8	0
3 $\frac{1}{2}$	8	3	9	0	9	0	9	1
4	10	0	10	1	10	2	10	3
4 $\frac{1}{2}$	11	1	11	2	11	3	12	0
5	12	2	12	3	13	0	13	2
5 $\frac{1}{2}$	13	3	14	0	14	2	14	3
6	15	0	15	1	15	3	16	1
6 $\frac{1}{2}$	16	1	16	2	17	0	17	2
7	17	2	18	0	18	1	18	3
7 $\frac{1}{2}$	18	3	19	1	19	3	20	1
8	20	0	20	2	21	0	21	2
8 $\frac{1}{2}$	21	1	21	3	22	1	23	0
9	22	2	23	0	23	3	24	1
9 $\frac{1}{2}$	23	3	24	1	25	0	25	2
10	25	0	25	2	26	1	27	0
10 $\frac{1}{2}$	26	1	27	0	27	2	28	1
11	27	2	28	1	29	0	29	3
11 $\frac{1}{2}$	28	3	29	2	30	1	31	0
12	30	0	30	3	31	2	32	2
12 $\frac{1}{2}$	31	1	32	0	33	0	33	3
13	32	2	33	1	34	1	35	0
13 $\frac{1}{2}$	33	3	34	2	35	2	36	2
14	35	0	36	0	36	3	37	3
14 $\frac{1}{2}$	36	1	37	1	38	1	39	1
15	37	2	38	2	39	2	40	2

70 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	19		19 $\frac{1}{2}$		19 $\frac{1}{2}$		19 $\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
15 $\frac{1}{2}$	38	3	39	5	40	3	41	3
16	40	0	41	0	42	1	43	1
16 $\frac{1}{2}$	41	1	42	1	43	2	44	2
17	42	2	43	2	44	3	46	0
17 $\frac{1}{2}$	43	3	45	0	46	0	47	1
18	45	0	46	1	47	2	48	3
18 $\frac{1}{2}$	46	1	47	2	48	3	50	0
19	47	2	48	3	50	0	51	1
19 $\frac{1}{2}$	48	3	50	0	51	1	52	3
20	50	0	51	1	52	3	54	0
20 $\frac{1}{2}$	51	1	52	3	54	0	55	2
21	52	2	54	0	55	1	56	3
21 $\frac{1}{2}$	53	3	55	1	56	3	58	0
22	55	0	56	2	58	0	59	2
22 $\frac{1}{2}$	56	1	57	3	59	1	60	3
23	57	2	59	0	60	2	62	1
23 $\frac{1}{2}$	58	3	60	1	62	0	63	2
24	60	0	61	3	63	1	65	0
24 $\frac{1}{2}$	61	1	63	0	64	2	66	1
25	62	2	64	1	66	0	67	2
25 $\frac{1}{2}$	63	3	65	2	67	1	69	0
26	65	0	66	3	68	2	70	1
26 $\frac{1}{2}$	66	1	68	0	69	3	71	3
27	67	2	69	1	71	1	73	0
27 $\frac{1}{2}$	68	3	70	3	72	2	74	1
28	70	0	72	0	73	3	75	3
28 $\frac{1}{2}$	71	1	73	1	75	1	77	0
29	72	2	74	2	76	2	78	2
29 $\frac{1}{2}$	73	3	75	3	77	3	79	3

A TABLE of SOLID MEASURE. 71

Feet long.	Inches Square.							
	19		19 $\frac{1}{4}$		19 $\frac{1}{2}$		19 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
30	75	077	077	079	081	1		
30 $\frac{1}{2}$	76	178	180	282	282	2		
31	77	279	381	383	383	3		
31 $\frac{1}{2}$	78	381	083	085	085	1		
32	80	082	184	286	286	2		
32 $\frac{1}{2}$	81	183	285	388	388	0		
33	82	284	387	089	089	1		
33 $\frac{1}{2}$	83	386	088	190	190	2		
34	85	087	189	392	392	0		
34 $\frac{1}{2}$	86	188	391	093	093	1		
35	87	290	092	194	194	3		
35 $\frac{1}{2}$	88	391	195	296	296	0		
36	90	192	295	097	097	2		
36 $\frac{1}{2}$	91	293	396	198	198	3		
37	92	395	097	2100	2100	0		
37 $\frac{1}{2}$	94	096	299	0101	0101	2		
38	95	197	3100	1102	1102	3		
38 $\frac{1}{2}$	96	299	0101	2104	2104	1		
39	97	3100	1102	3105	3105	2		
39 $\frac{1}{2}$	99	0101	2104	1106	1106	3		
40	100	1102	3105	2108	2108	1		
40 $\frac{1}{2}$	101	2104	0106	3109	3109	2		
41	102	3105	2108	1111	1111	0		
41 $\frac{1}{2}$	104	0106	3109	2112	2112	1		
42	105	1108	0110	3113	3113	3		
42 $\frac{1}{2}$	106	2109	1112	0115	0115	0		
43	107	3110	2113	2116	2116	1		
43 $\frac{1}{2}$	109	0111	3114	3117	3117	3		
44	110	1113	0116	0119	0119	0		

72 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.			
	19	$19\frac{1}{4}$	$19\frac{1}{2}$	$19\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
$44\frac{1}{2}$	111 2	114 2	117 2	120 2
45	112 3	115 3	118 3	121 3
$45\frac{1}{2}$	114 0	117 0	120 0	123 0
46	115 1	118 1	121 1	124 2
$46\frac{1}{2}$	116 2	119 2	122 3	125 3
47	117 3	120 3	124 0	127 1
$47\frac{1}{2}$	119 0	122 0	125 1	128 2
48	120 1	123 2	126 3	130 0
$48\frac{1}{2}$	121 2	124 3	128 0	131 1
49	122 3	126 0	129 1	132 2
$49\frac{1}{2}$	124 0	127 1	130 2	134 0
50	125 1	128 2	132 0	135 1

A TABLE of SOLID MEASURE. 73

Feet long.	Inches Square.							
	20		$20\frac{1}{4}$		$20\frac{1}{2}$		$20\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	2	3	2	3	2	3	2	3
$1\frac{1}{2}$	4	0	4	1	4	1	4	1
2	5	2	5	2	5	3	5	3
$2\frac{1}{2}$	6	3	7	0	7	1	7	1
3	8	1	8	2	8	3	8	3
$3\frac{1}{2}$	9	2	9	3	10	0	10	1
4	11	0	11	1	11	2	11	3
$4\frac{1}{2}$	12	2	12	3	13	0	13	1
5	13	3	14	0	14	2	14	3
$5\frac{1}{2}$	15	1	15	2	16	0	16	1
6	16	2	17	0	17	2	17	3
$6\frac{1}{2}$	18	0	18	2	18	3	19	1
7	19	1	19	3	20	1	20	3
$7\frac{1}{2}$	20	3	21	1	21	3	22	1
8	22	0	22	3	23	1	23	3
$8\frac{1}{2}$	23	2	24	0	24	3	25	1
9	25	0	25	2	26	1	26	3
$9\frac{1}{2}$	26	1	27	0	27	2	28	1
10	27	3	28	1	29	0	29	3
$10\frac{1}{2}$	29	0	29	3	30	2	31	1
11	30	2	31	1	32	0	32	3
$11\frac{1}{2}$	31	3	32	2	33	2	34	1
12	33	1	34	0	35	0	35	3
$12\frac{1}{2}$	34	2	35	2	36	1	37	1
13	36	0	37	0	37	3	38	3
$13\frac{1}{2}$	37	2	38	1	39	1	40	1
14	38	3	39	3	40	3	41	3
$14\frac{1}{2}$	40	1	41	1	42	1	43	1
15	41	2	42	2	43	3	44	3

74 A TABLE OF SOLID MEASURE.

Feet long	Inches Square.							
	20		$20\frac{1}{2}$		$20\frac{1}{2}$		$20\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	43	0	44	0	45	0	46	1
16	44	1	45	2	46	2	47	3
$16\frac{1}{2}$	45	3	46	3	48	0	49	1
17	47	0	48	1	49	2	50	3
$17\frac{1}{2}$	48	2	49	3	51	0	52	1
18	50	0	51	1	52	2	53	3
$18\frac{1}{2}$	51	1	52	2	53	3	55	1
19	52	3	54	0	55	1	56	3
$19\frac{1}{2}$	54	0	55	2	56	3	58	1
20	55	2	56	3	58	1	59	3
$20\frac{1}{2}$	56	3	58	1	59	3	61	1
21	58	1	59	3	61	1	62	3
$21\frac{1}{2}$	59	2	61	0	62	2	64	1
22	61	0	62	2	64	0	65	3
$22\frac{1}{2}$	62	2	64	0	65	2	67	1
23	63	3	65	1	67	0	68	3
$23\frac{1}{2}$	65	1	66	3	68	2	70	1
24	66	2	68	1	70	0	71	3
$24\frac{1}{2}$	68	0	69	3	71	2	73	1
25	69	1	71	0	72	3	74	3
$25\frac{1}{2}$	70	3	72	2	74	1	76	0
26	72	0	74	0	75	3	77	2
$26\frac{1}{2}$	73	2	75	1	77	1	79	0
27	75	0	76	3	78	3	80	2
$27\frac{1}{2}$	76	1	78	1	80	1	82	0
28	77	3	79	2	81	2	83	2
$28\frac{1}{2}$	79	0	81	0	83	0	85	0
29	80	2	82	2	84	2	86	2
$29\frac{1}{2}$	81	3	84	0	86	0	88	0

A TABLE of SOLID MEASURE. 75

Feet long.	Inches Square.			
	20	$20\frac{1}{4}$	$20\frac{1}{2}$	$20\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
30	83	185	187	289 2
$30\frac{1}{2}$	84	286	389	091 0
31	86	088	190	192 2
$31\frac{1}{2}$	87	289	291	394 0
32	88	391	093	195 2
$32\frac{1}{2}$	90	192	294	397 0
33	91	293	396	198 2
$33\frac{1}{2}$	93	095	197	3100 0
34	94	196	399	0101 2
$34\frac{1}{2}$	95	398	0100	2103 0
35	97	099	2102	0104 2
$35\frac{1}{2}$	98	2101	0103	2106 0
36	100	0102	2105	0107 2
$36\frac{1}{2}$	101	1103	3106	2109 0
37	102	3105	1107	3110 2
$37\frac{1}{2}$	104	0106	3109	1112 0
38	105	2108	0110	3113 2
$38\frac{1}{2}$	106	3109	2112	1115 0
39	108	1111	0113	3116 2
$39\frac{1}{2}$	109	2112	1115	1118 0
40	111	0113	3116	2119 2
$40\frac{1}{2}$	112	2115	1118	0121 0
41	113	3116	3119	2122 2
$41\frac{1}{2}$	115	1118	0121	0124 0
42	116	2119	2122	2125 2
$42\frac{1}{2}$	118	0121	0124	0127 0
43	119	1122	1125	1128 2
$43\frac{1}{2}$	120	3123	3126	3130 0
44	122	0125	1128	1131 2

76 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.			
	20	$20\frac{1}{4}$	$20\frac{1}{2}$	$20\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
$44\frac{1}{2}$	123 2	126 2	129 3	133 0
45	125 0	128 0	131 1	134 2
$45\frac{1}{2}$	126 1	129 2	132 3	136 0
46	127 3	130 3	134 0	137 2
$46\frac{1}{2}$	129 0	132 1	135 2	139 0
47	130 2	133 3	137 0	140 2
$47\frac{1}{2}$	131 3	135 1	138 2	142 0
48	133 1	136 2	140 0	143 2
$48\frac{1}{2}$	134 2	138 0	141 2	145 0
49	136 0	139 2	143 0	146 2
$49\frac{1}{2}$	137 2	140 3	144 1	148 0
50	138 3	142 1	145 3	149 2

A TABLE of SOLID MEASURE. 77

Feet long.	Inches Square.							
	21		21 $\frac{1}{4}$		21 $\frac{1}{2}$		21 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	3	0	3	0	3	0	3	1
1 $\frac{1}{2}$	4	2	4	2	4	3	4	3
2	6	0	6	1	6	1	6	2
2 $\frac{1}{2}$	7	2	7	3	8	0	8	0
3	9	0	9	1	9	2	9	3
3 $\frac{1}{2}$	10	2	10	3	11	0	11	1
4	12	1	12	2	12	3	13	0
4 $\frac{1}{2}$	13	3	14	0	14	1	14	3
5	15	1	15	2	16	0	16	1
5 $\frac{1}{2}$	16	3	17	0	17	2	18	0
6	18	1	18	3	19	1	19	2
6 $\frac{1}{2}$	19	3	20	1	20	3	21	1
7	21	1	21	3	22	1	22	3
7 $\frac{1}{2}$	22	3	23	2	24	0	24	2
8	24	2	25	0	25	2	26	1
8 $\frac{1}{2}$	26	0	26	2	27	1	27	3
9	27	2	28	0	28	3	29	2
9 $\frac{1}{2}$	29	0	29	3	30	1	31	0
10	30	2	31	1	32	0	32	3
10 $\frac{1}{2}$	32	0	32	3	33	2	34	1
11	33	2	34	1	35	1	36	0
11 $\frac{1}{2}$	35	0	36	0	36	3	37	3
12	36	3	37	2	38	2	39	1
12 $\frac{1}{2}$	38	1	39	0	40	0	41	0
13	39	3	40	3	41	2	42	2
13 $\frac{1}{2}$	41	1	42	1	43	1	44	1
14	42	3	43	3	44	3	45	3
14 $\frac{1}{2}$	44	1	45	1	46	2	47	2
15	45	3	47	0	48	0	49	1

78 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	21		21 $\frac{1}{4}$		21 $\frac{1}{2}$		21 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
15 $\frac{1}{2}$	47	148	249	350	3			
16	49	050	051	152	2			
16 $\frac{1}{2}$	50	251	252	354	0			
17	52	053	154	255	3			
17 $\frac{1}{2}$	53	254	356	057	1			
18	55	056	157	359	0			
18 $\frac{1}{2}$	56	258	059	160	3			
19	58	059	260	362	1			
19 $\frac{1}{2}$	59	261	062	264	0			
20	61	162	264	065	2			
20 $\frac{1}{2}$	62	364	165	367	1			
21	64	165	367	168	3			
21 $\frac{1}{2}$	65	367	169	070	2			
22	67	168	370	272	1			
22 $\frac{1}{2}$	68	370	272	073	3			
23	70	172	073	375	2			
23 $\frac{1}{2}$	71	373	275	177	0			
24	73	275	177	078	3			
24 $\frac{1}{2}$	75	076	378	280	1			
25	76	278	180	182	0			
25 $\frac{1}{2}$	78	079	381	383	3			
26	79	281	283	185	1			
26 $\frac{1}{2}$	81	083	085	037	0			
27	82	284	286	288	2			
27 $\frac{1}{2}$	84	086	088	190	1			
28	85	387	389	391	3			
28 $\frac{1}{2}$	87	189	191	193	2			
29	88	390	393	095	1			
29 $\frac{1}{2}$	90	192	294	296	3			

A TABLE of SOLID MEASU RE. 79

Feet long.	Inches Square.			
	21	21 $\frac{1}{2}$	21 $\frac{1}{2}$	21 $\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.
30	91 3	94 0	96 1	98 2
30 $\frac{1}{2}$	93 1	95 2	97 3	100 0
31	94 3	97 0	99 2	101 3
31 $\frac{1}{2}$	96 1	98 3	101 0	103 1
32	98 0	100 1	102 2	105 0
32 $\frac{1}{2}$	99 2	101 3	104 1	106 3
33	101 0	103 1	105 3	108 1
33 $\frac{1}{2}$	102 2	105 0	107 2	110 0
34	104 0	106 2	109 0	111 2
34 $\frac{1}{2}$	105 2	108 0	110 2	113 1
35	107 0	109 3	112 1	114 3
35 $\frac{1}{2}$	108 2	111 1	113 3	116 2
36	110 1	112 3	115 2	118 1
36 $\frac{1}{2}$	111 3	114 1	117 0	119 3
37	113 1	116 0	118 3	121 2
37 $\frac{1}{2}$	114 3	117 2	120 1	123 0
38	116 1	119 0	121 3	124 3
38 $\frac{1}{2}$	117 3	120 2	123 2	126 1
39	119 1	122 1	125 0	128 0
39 $\frac{1}{2}$	120 3	123 3	126 3	129 3
40	122 2	125 1	128 1	131 1
40 $\frac{1}{2}$	124 0	127 0	130 0	133 0
41	125 2	128 2	131 2	134 2
41 $\frac{1}{2}$	127 0	130 0	133 0	136 1
42	128 2	131 2	134 3	137 3
42 $\frac{1}{2}$	130 0	133 1	136 1	139 2
43	131 2	134 3	138 0	141 1
43 $\frac{1}{2}$	133 0	136 1	139 2	142 3
44	134 3	137 3	141 0	144 2

80 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.			
	21	$21\frac{1}{2}$	$21\frac{1}{2}$	$21\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.
$44\frac{1}{2}$	136 1	139 2	142 3	146 0
45	137 3	141 0	144 1	147 3
$45\frac{1}{2}$	139 1	142 2	146 0	149 1
46	140 3	144 0	147 2	151 0
$46\frac{1}{2}$	142 1	145 3	149 1	152 3
47	143 3	147 1	150 3	154 1
$47\frac{1}{2}$	145 1	148 3	152 1	156 0
48	147 0	150 2	154 0	157 2
$48\frac{1}{2}$	148 2	152 0	155 2	159 1
49	150 0	153 2	157 1	160 3
$49\frac{1}{2}$	151 2	155 0	158 3	162 2
50	153 0	156 3	160 2	164 1

A TABLE of SOLID MEASURE. 81

Feet long.	Inches Square.							
	22		$22\frac{1}{4}$		$22\frac{1}{2}$		$22\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	3	1	3	1	3	2	3	2
$1\frac{1}{2}$	5	0	5	0	5	1	5	1
2	6	2	6	3	7	0	7	0
$2\frac{1}{2}$	8	1	8	2	8	3	8	3
3	10	0	10	1	10	2	10	3
$3\frac{1}{2}$	11	3	12	0	12	1	12	2
4	13	1	13	3	14	0	14	1
$4\frac{1}{2}$	15	0	15	1	15	3	16	0
5	16	3	17	0	17	2	17	3
$5\frac{1}{2}$	18	1	18	3	19	1	19	3
6	20	0	20	2	21	0	21	2
$6\frac{1}{2}$	21	3	22	1	22	3	23	1
7	23	2	24	0	24	2	25	0
$7\frac{1}{2}$	25	0	25	3	26	1	26	3
8	26	3	27	2	28	0	28	3
$8\frac{1}{2}$	28	2	29	0	29	3	30	2
9	30	1	30	3	31	2	32	1
$9\frac{1}{2}$	31	3	32	2	33	1	34	0
10	33	2	34	1	35	0	35	3
$10\frac{1}{2}$	35	1	36	0	36	3	37	2
11	36	3	37	3	38	2	39	2
$11\frac{1}{2}$	38	2	39	2	40	1	41	1
12	40	1	41	1	42	0	43	0
$12\frac{1}{2}$	42	0	42	3	43	3	44	3
13	43	2	44	2	45	2	46	2
$13\frac{1}{2}$	45	1	46	1	47	1	48	2
14	47	0	48	0	49	0	50	1
$14\frac{1}{2}$	48	2	49	3	50	3	52	0
15	50	1	51	2	52	2	53	3

82 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	22		$22\frac{1}{4}$		$22\frac{1}{2}$		$22\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	52	0	53	1	54	1	55	2
16	53	3	55	0	56	1	57	2
$16\frac{1}{2}$	55	1	56	2	58	0	59	1
17	57	0	58	1	59	3	61	0
$17\frac{1}{2}$	58	3	60	0	61	2	62	3
18	60	2	61	3	63	1	64	2
$18\frac{1}{2}$	62	0	63	2	65	0	66	1
19	63	3	65	1	66	3	68	1
$19\frac{1}{2}$	65	2	67	0	68	2	70	0
20	67	0	68	3	70	1	71	3
$20\frac{1}{2}$	68	3	70	1	72	0	73	2
21	70	2	72	0	73	3	75	1
$21\frac{1}{2}$	72	1	73	3	75	2	77	1
22	73	3	75	2	77	1	79	0
$22\frac{1}{2}$	75	2	77	1	79	0	80	3
23	77	1	79	0	80	3	82	2
$23\frac{1}{2}$	78	3	80	3	82	2	84	1
24	80	2	82	2	84	1	86	1
$24\frac{1}{2}$	82	1	84	0	86	0	88	0
25	84	0	85	3	87	3	89	3
$25\frac{1}{2}$	85	2	87	2	89	2	91	2
26	87	1	89	1	91	1	93	1
$26\frac{1}{2}$	89	0	91	0	93	0	95	0
27	90	3	92	3	94	3	97	0
$27\frac{1}{2}$	92	1	94	2	96	2	98	3
28	94	0	96	1	98	1	100	2
$28\frac{1}{2}$	95	3	97	3	100	0	102	1
29	97	1	99	2	101	3	104	0
$29\frac{1}{2}$	99	0	101	1	103	2	106	0

A TABLE of SOLID MEASURE. 83

Feet long.	Inches Square.			
	22	$22\frac{1}{4}$	$22\frac{1}{2}$	$22\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
30	100 3	103 0	105 1	107 3
$30\frac{1}{2}$	102 2	104 3	107 0	109 2
31	104 0	106 2	108 3	111 1
$31\frac{1}{2}$	105 3	108 1	110 2	113 0
32	107 2	110 0	112 2	115 0
$32\frac{1}{2}$	109 1	111 2	114 1	116 3
33	110 3	113 1	116 0	118 2
$33\frac{1}{2}$	112 2	115 0	117 3	120 1
34	114 1	116 3	119 2	122 0
$34\frac{1}{2}$	115 3	118 2	121 1	123 3
35	117 2	120 1	123 0	125 3
$35\frac{1}{2}$	119 1	122 0	124 3	127 2
36	121 0	123 3	126 2	129 1
$36\frac{1}{2}$	122 2	125 1	128 1	131 0
37	124 1	127 0	130 0	132 3
$37\frac{1}{2}$	126 0	128 3	131 3	134 2
38	127 2	130 2	133 2	136 2
$38\frac{1}{2}$	129 1	132 1	135 1	138 1
39	131 0	134 0	137 0	140 0
$39\frac{1}{2}$	132 3	135 2	138 3	141 3
40	134 1	137 2	140 2	143 3
$40\frac{1}{2}$	136 0	139 0	142 1	145 2
41	137 3	140 2	144 0	147 1
$41\frac{1}{2}$	139 1	142 2	145 3	149 0
42	141 0	144 1	147 2	150 3
$42\frac{1}{2}$	142 3	146 0	149 1	152 2
43	144 2	147 3	151 0	154 2
$43\frac{1}{2}$	146 0	149 2	152 3	156 1
44	147 3	151 1	154 2	158 0

84 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.			
	22	$22\frac{1}{4}$	$22\frac{1}{2}$	$22\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
$44\frac{1}{2}$	149 2	152 3	156 1	159 3
45	151 1	154 2	158 0	161 2
$45\frac{1}{2}$	152 3	156 1	159 3	163 2
46	154 2	158 0	161 2	165 1
$46\frac{1}{2}$	156 1	159 3	163 1	167 0
47	157 3	161 2	165 0	168 3
$47\frac{1}{2}$	159 2	163 1	166 3	170 2
48	161 1	165 0	168 3	172 2
$48\frac{1}{2}$	163 0	166 2	170 2	174 1
49	164 2	168 1	172 1	176 0
$49\frac{1}{2}$	166 1	170 0	174 0	177 3
50	168 0	171 3	175 3	179 2

A TABLE of SOLID MEASURE. 85

Feet long	Inches Square.							
	23		$23\frac{1}{4}$		$23\frac{1}{2}$		$23\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	3	2	3	3	3	3	3	3
$1\frac{1}{2}$	5	2	5	2	5	3	5	3
2	7	1	7	2	7	2	7	3
$2\frac{1}{2}$	9	0	9	1	9	2	9	3
3	11	0	11	1	11	2	11	3
$3\frac{1}{2}$	12	3	13	0	13	1	13	2
4	14	2	15	0	15	1	15	2
$4\frac{1}{2}$	16	2	16	3	17	1	17	2
5	18	1	18	3	19	0	19	2
$5\frac{1}{2}$	20	0	20	2	21	0	21	2
6	22	0	22	2	23	0	23	2
$6\frac{1}{2}$	23	3	24	1	24	3	25	1
7	25	2	26	1	26	3	27	1
$7\frac{1}{2}$	27	2	28	0	28	3	29	1
8	29	1	30	0	30	2	31	1
$8\frac{1}{2}$	31	0	31	3	32	2	33	1
9	33	0	33	3	34	2	35	1
$9\frac{1}{2}$	34	3	35	2	36	1	37	0
10	36	2	37	2	38	1	39	0
$10\frac{1}{2}$	38	2	39	1	40	1	41	0
11	40	1	41	1	42	0	43	0
$11\frac{1}{2}$	42	0	43	0	44	0	45	0
12	44	0	45	0	46	0	47	0
$12\frac{1}{2}$	45	3	46	3	47	3	48	3
13	47	3	48	3	49	3	50	3
$13\frac{1}{2}$	49	2	50	2	51	3	52	3
14	51	1	52	2	53	2	54	3
$14\frac{1}{2}$	53	1	54	1	55	2	56	3
15	55	0	56	1	57	2	58	3

84 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.			
	22	$22\frac{1}{2}$	$22\frac{1}{2}$	$22\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
$44\frac{1}{2}$	149 2	152 3	156 1	159 3
45	151 1	154 2	158 0	161 2
$45\frac{1}{2}$	152 3	156 1	159 3	163 2
46	154 2	158 0	161 2	165 1
$46\frac{1}{2}$	156 1	159 3	163 1	167 0
47	157 3	161 2	165 0	168 3
$47\frac{1}{2}$	159 2	163 1	166 3	170 2
48	161 1	165 0	168 3	172 2
$48\frac{1}{2}$	163 0	166 2	170 2	174 1
49	164 2	168 1	172 1	176 0
$49\frac{1}{2}$	166 1	170 0	174 0	177 3
50	168 0	171 3	175 3	179 2

A TABLE of SOLID MEASURE. 85

Feet long	Inches Square.							
	23		$23\frac{1}{4}$		$23\frac{1}{2}$		$23\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	3	2	3	3	3	3	3	3
$1\frac{1}{2}$	5	2	5	2	5	3	5	3
2	7	1	7	2	7	2	7	3
$2\frac{1}{2}$	9	0	9	1	9	2	9	3
3	11	0	11	1	11	2	11	3
$3\frac{1}{2}$	12	3	13	0	13	1	13	2
4	14	2	15	0	15	1	15	2
$4\frac{1}{2}$	16	2	16	3	17	1	17	2
5	18	1	18	3	19	0	19	2
$5\frac{1}{2}$	20	0	20	2	21	0	21	2
6	22	0	22	2	23	0	23	2
$6\frac{1}{2}$	23	3	24	1	24	3	25	1
7	25	2	26	1	26	3	27	1
$7\frac{1}{2}$	27	2	28	0	28	3	29	1
8	29	1	30	0	30	2	31	1
$8\frac{1}{2}$	31	0	31	3	32	2	33	1
9	33	0	33	3	34	2	35	1
$9\frac{1}{2}$	34	3	35	2	36	1	37	0
10	36	2	37	2	38	1	39	0
$10\frac{1}{2}$	38	2	39	1	40	1	41	0
11	40	1	41	1	42	0	43	0
$11\frac{1}{2}$	42	0	43	0	44	0	45	0
12	44	0	45	0	46	0	47	0
$12\frac{1}{2}$	45	3	46	3	47	3	48	3
13	47	3	48	3	49	3	50	3
$13\frac{1}{2}$	49	2	50	2	51	3	52	3
14	51	1	52	2	53	2	54	3
$14\frac{1}{2}$	53	1	54	1	55	2	56	3
15	55	0	56	1	57	2	58	3

86 A TABLE of SOLID MEASURE.

Feet long	Inches Square.							
	23		23½		23½		23½	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
15½	56	358	059	160	2			
16	58	360	061	162	2			
16½	60	261	363	164	2			
17	62	163	365	066	2			
17½	64	165	267	068	2			
18	66	067	269	070	2			
18½	67	369	170	372	1			
19	69	371	172	374	1			
19½	71	273	074	376	1			
20	73	175	076	278	1			
20½	75	176	378	280	1			
21	77	078	380	282	1			
21½	78	380	282	184	0			
22	80	382	284	186	0			
22½	82	284	186	188	0			
23	84	186	188	090	0			
23½	86	188	090	092	0			
24	88	090	092	094	0			
24½	90	091	393	395	3			
25	91	393	395	397	3			
25½	93	295	297	399	3			
26	95	297	299	2101	3			
26½	97	199	1101	2103	3			
27	99	0101	1103	2105	3			
27½	101	0103	0105	1107	2			
28	102	3105	0107	1109	2			
28½	104	2106	3109	1111	2			
29	106	2108	3111	0113	2			
29½	108	1110	2113	0115	2			

A TABLE of SOLID MEASURE. 87

Feet long.	Inches Square.			
	23	$23\frac{1}{4}$	$23\frac{1}{2}$	$23\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
30	110 0	112 2	115 0	117 2
$30\frac{1}{2}$	112 0	114 1	116 3	119 1
31	113 3	116 1	118 3	121 1
$31\frac{1}{2}$	115 2	118 0	120 3	123 1
32	117 2	120 0	122 2	125 1
$32\frac{1}{2}$	119 1	122 0	124 2	127 1
33	121 0	123 3	126 2	129 1
$33\frac{1}{2}$	122 0	125 3	128 1	131 0
34	124 3	127 2	130 1	133 0
$34\frac{1}{2}$	126 2	129 2	132 1	135 0
35	128 2	131 1	134 0	137 0
$35\frac{1}{2}$	130 1	132 1	136 0	139 0
36	132 1	135 0	138 0	141 0
$36\frac{1}{2}$	134 0	137 0	139 3	142 3
37	135 3	138 3	141 3	144 3
$37\frac{1}{2}$	137 3	140 3	143 3	146 3
38	139 2	142 2	145 2	148 3
$38\frac{1}{2}$	141 1	144 2	147 2	150 3
39	143 1	146 1	149 2	152 3
$39\frac{1}{2}$	145 0	148 1	151 1	154 2
40	146 3	150 0	153 1	156 2
$40\frac{1}{2}$	148 3	152 0	155 1	158 2
41	150 2	153 3	157 0	160 2
$41\frac{1}{2}$	152 1	155 3	159 0	162 0
42	154 1	157 2	161 0	164 2
$42\frac{1}{2}$	156 0	159 2	162 3	166 1
43	157 3	161 1	164 3	168 1
$43\frac{1}{2}$	159 3	163 1	166 3	170 1
44	161 2	165 0	168 2	172 1

88 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	23		$23\frac{1}{4}$		$23\frac{1}{2}$		$23\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$44\frac{1}{2}$	163	1	167	0	170	2	174	1
45	165	1	168	3	172	2	176	1
$45\frac{1}{2}$	167	0	170	3	174	1	178	0
46	168	3	172	2	176	1	180	0
$46\frac{1}{2}$	170	3	174	2	178	1	182	0
47	172	2	176	1	180	0	184	0
$47\frac{1}{2}$	174	1	178	1	182	0	186	0
48	176	1	180	0	184	0	188	0
$48\frac{1}{2}$	178	0	182	0	186	0	189	3
49	180	0	183	3	187	3	191	3
$49\frac{1}{2}$	181	3	185	3	189	3	193	3
50	183	2	187	2	191	3	195	3

A TABLE of SOLID MEASURE. 89

Feet long.	Inches Square.							
	24		$24\frac{1}{4}$		$24\frac{1}{2}$		$24\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	4	0	4	0	4	0	4	1
$1\frac{1}{2}$	6	0	6	0	6	1	6	1
2	8	0	8	0	8	1	8	2
$2\frac{1}{2}$	10	0	10	0	10	1	10	2
3	12	0	12	1	12	2	12	3
$3\frac{1}{2}$	14	0	14	1	14	2	14	3
4	16	0	16	1	16	2	17	0
$4\frac{1}{2}$	18	0	18	1	18	3	19	0
5	20	0	20	1	20	3	21	1
$5\frac{1}{2}$	22	0	22	1	22	3	23	1
6	24	0	24	2	25	0	25	2
$6\frac{1}{2}$	26	0	26	2	27	0	27	2
7	28	0	28	2	29	0	29	3
$7\frac{1}{2}$	30	0	30	2	31	1	31	3
8	32	0	32	2	33	1	34	0
$8\frac{1}{2}$	34	0	34	2	35	1	36	0
9	36	0	36	3	37	2	38	1
$9\frac{1}{2}$	38	0	38	3	39	2	40	1
10	40	0	40	3	41	2	42	2
$10\frac{1}{2}$	42	0	42	3	43	3	44	2
11	44	0	44	3	45	3	46	3
$11\frac{1}{2}$	46	0	46	3	47	3	48	3
12	48	0	49	0	50	0	51	0
$12\frac{1}{2}$	50	0	51	0	52	0	53	0
13	52	0	53	0	54	0	55	1
$13\frac{1}{2}$	54	0	55	0	56	1	57	1
14	56	0	57	0	58	1	59	2
$14\frac{1}{2}$	58	0	59	0	60	1	61	2
15	60	0	61	1	62	2	63	3

90 A TABLE OF SOLID MEASURE.

Feet long.	Inches Square.							
	24		$24\frac{1}{4}$		$24\frac{1}{2}$		$24\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	62	0	63	1	64	2	65	3
16	64	0	65	1	66	2	68	0
$16\frac{1}{2}$	66	0	67	1	68	3	70	0
17	68	0	69	1	70	3	72	1
$17\frac{1}{2}$	70	0	71	1	72	3	74	1
18	72	0	73	2	75	0	76	2
$18\frac{1}{2}$	74	0	75	2	77	0	78	2
19	76	0	77	2	79	0	80	3
$19\frac{1}{2}$	78	0	79	2	81	1	82	3
20	80	0	81	2	83	1	85	0
$20\frac{1}{2}$	82	0	83	2	85	1	87	0
21	84	0	85	3	87	2	89	1
$21\frac{1}{2}$	86	0	87	3	89	2	91	1
22	88	0	89	3	91	2	93	2
$22\frac{1}{2}$	90	0	91	3	93	3	95	2
23	92	0	93	3	95	3	97	3
$23\frac{1}{2}$	94	0	95	3	97	3	99	3
24	96	0	98	0	100	0	102	0
$24\frac{1}{2}$	98	0	100	0	102	0	104	0
25	100	0	102	0	104	0	106	1
$25\frac{1}{2}$	102	0	104	0	106	1	108	1
26	104	0	105	0	108	1	110	2
$26\frac{1}{2}$	106	0	108	0	110	1	112	2
27	108	0	110	1	112	2	114	3
$27\frac{1}{2}$	110	0	112	1	114	2	116	3
28	112	0	114	1	116	2	119	0
$28\frac{1}{2}$	114	0	116	1	118	3	121	0
29	116	0	118	1	120	3	123	1
$29\frac{1}{2}$	118	0	120	1	122	3	125	1

A TABLE of SOLID MEASURE. 91

Feet long.	Inches Square.			
	24	$24\frac{1}{2}$	$24\frac{1}{2}$	$24\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
30	120 0	122 2	125 0	127 2
$30\frac{1}{2}$	122 0	124 2	127 0	129 2
31	124 0	126 2	129 0	131 3
$31\frac{1}{2}$	126 0	128 2	131 1	133 3
32	128 0	130 2	133 1	136 0
$32\frac{1}{2}$	130 0	132 2	135 1	138 1
33	132 0	134 3	137 2	140 1
$33\frac{1}{2}$	134 0	136 3	139 2	142 2
34	136 0	138 3	141 2	144 2
$34\frac{1}{2}$	138 0	140 3	143 3	146 3
35	140 0	142 3	145 3	148 3
$35\frac{1}{2}$	142 0	144 3	147 3	151 0
36	144 0	147 0	150 0	153 0
$36\frac{1}{2}$	146 0	149 0	152 0	155 1
37	148 0	151 0	154 0	157 1
$37\frac{1}{2}$	150 0	153 0	156 1	159 2
38	152 0	155 0	158 1	161 2
$38\frac{1}{2}$	154 0	157 0	160 1	163 3
39	156 0	159 1	162 2	165 3
$39\frac{1}{2}$	158 0	161 1	164 2	168 0
40	160 0	163 1	166 2	170 0
$40\frac{1}{2}$	162 0	165 1	168 3	172 1
41	164 0	167 1	170 3	174 1
$41\frac{1}{2}$	166 0	169 1	172 3	176 2
42	168 0	171 2	175 0	178 2
$42\frac{1}{2}$	170 0	173 2	177 0	180 3
43	172 0	175 2	179 0	182 3
$43\frac{1}{2}$	174 0	177 2	181 1	185 0
44	176 0	179 2	183 1	187 0

92 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.			
	24	$24\frac{1}{2}$	$24\frac{1}{2}$	$24\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.
$44\frac{1}{2}$	178 0	181 2	185 1	189 1
45	180 0	183 3	187 2	191 1
$45\frac{1}{2}$	182 0	185 3	189 2	193 2
46	184 0	187 3	191 2	195 2
$46\frac{1}{2}$	186 0	189 3	193 3	197 3
47	188 0	191 3	195 3	199 3
$47\frac{1}{2}$	190 0	193 3	197 3	202 0
48	192 0	196 2	200 0	204 0
$48\frac{1}{2}$	194 0	198 0	202 0	206 1
49	196 0	200 0	204 0	208 1
$49\frac{1}{2}$	198 0	202 0	206 1	210 2
50	200 0	204 0	208 1	212 2

A TABLE of SOLID MEASURE. 93

Feet long.	Inches Square.							
	25		$25\frac{1}{4}$		$25\frac{1}{2}$		$25\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	4	1	4	1	4	2	4	2
$1\frac{1}{2}$	6	2	6	2	6	3	6	3
2	8	2	8	3	9	0	9	0
$2\frac{1}{2}$	10	3	11	0	11	1	11	2
3	13	0	13	1	13	2	13	3
$3\frac{1}{2}$	15	0	15	1	15	3	16	0
4	17	1	17	2	18	0	18	1
$4\frac{1}{2}$	19	2	19	3	20	1	20	2
5	21	2	22	0	22	2	23	0
$5\frac{1}{2}$	23	3	24	1	24	3	25	1
6	26	0	26	2	27	0	27	2
$6\frac{1}{2}$	28	0	28	3	29	1	29	3
7	30	1	30	3	31	2	32	0
$7\frac{1}{2}$	32	2	33	0	33	3	34	2
8	34	2	35	1	36	0	36	3
$8\frac{1}{2}$	36	3	37	2	38	1	39	0
9	39	0	39	3	40	2	41	1
$9\frac{1}{2}$	41	0	42	0	42	3	43	2
10	43	1	44	1	45	0	46	0
$10\frac{1}{2}$	45	2	46	1	47	1	48	1
11	47	2	48	2	49	2	50	2
$11\frac{1}{2}$	49	3	50	3	51	3	52	3
12	52	0	53	0	54	0	55	1
$12\frac{1}{2}$	54	1	55	1	56	1	57	2
13	56	1	57	2	58	2	59	3
$13\frac{1}{2}$	58	2	59	3	60	3	62	0
14	60	3	61	3	63	0	64	1
$14\frac{1}{2}$	62	3	64	0	65	1	66	3
15	65	0	66	1	67	2	69	0

94 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.			
	25	25 $\frac{1}{2}$	25 $\frac{1}{2}$	25 $\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
15 $\frac{1}{2}$	67 1	68 2	69 3	71 1
16	69 1	70 2	72 1	73 2
16 $\frac{1}{2}$	71 2	73 0	74 2	75 3
17	73 3	75 1	76 3	78 1
17 $\frac{1}{2}$	75 3	77 1	79 0	80 2
18	78 0	79 2	81 1	82 3
18 $\frac{1}{2}$	80 1	81 3	83 2	85 0
19	82 1	84 0	85 3	87 1
19 $\frac{1}{2}$	84 2	86 1	88 0	89 3
20	86 3	88 2	90 1	92 0
20 $\frac{1}{2}$	88 3	90 2	92 3	94 1
21	91 0	92 2	94 3	96 2
21 $\frac{1}{2}$	93 1	95 0	97 1	99 0
22	95 1	97 2	99 1	101 1
22 $\frac{1}{2}$	97 2	99 3	101 2	103 2
23	99 3	101 3	103 3	105 3
23 $\frac{1}{2}$	101 3	104 0	106 0	108 0
24	104 0	106 1	108 1	110 2
24 $\frac{1}{2}$	106 1	108 2	110 2	112 3
25	108 2	110 2	112 3	115 0
25 $\frac{1}{2}$	110 2	112 3	115 0	117 1
26	112 3	115 0	117 1	119 2
26 $\frac{1}{2}$	115 0	117 1	119 2	122 0
27	117 0	119 2	121 3	124 1
27 $\frac{1}{2}$	119 1	121 3	124 0	126 2
28	121 2	123 3	126 1	128 3
28 $\frac{1}{2}$	123 2	126 0	128 2	131 0
29	125 3	128 1	130 3	133 2
29 $\frac{1}{2}$	128 0	130 2	133 0	135 3

A TABLE of SOLID MEASURE. 95

Feet long.	Inches Square.			
	25	$25\frac{1}{4}$	$25\frac{1}{2}$	$25\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
30	130 0	132 3	135 1	138 0
$30\frac{1}{2}$	132 1	135 0	137 2	140 1
31	134 2	137 1	139 3	142 2
$31\frac{1}{2}$	136 2	139 1	142 0	145 0
32	138 3	141 2	144 2	147 1
$32\frac{1}{2}$	141 0	143 3	146 3	149 2
33	143 0	146 0	149 0	151 3
$33\frac{1}{2}$	145 1	148 1	151 1	154 1
34	147 2	150 2	153 2	156 2
$34\frac{1}{2}$	149 2	152 2	155 3	158 3
35	151 3	154 3	158 0	161 0
$35\frac{1}{2}$	154 0	157 0	160 1	163 1
36	156 1	159 1	162 2	165 3
$36\frac{1}{2}$	158 1	161 2	164 3	168 0
37	160 2	163 3	167 0	170 1
$37\frac{1}{2}$	162 3	166 0	169 1	172 2
38	164 3	168 0	171 2	174 3
$38\frac{1}{2}$	167 0	170 1	173 3	177 1
39	169 1	172 2	176 0	179 2
$39\frac{1}{2}$	171 1	174 3	178 1	181 3
40	173 2	177 0	180 2	184 0.

96 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	26		26 $\frac{1}{4}$		26 $\frac{1}{2}$		26 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	4	2	4	3	4	3	4	3
1 $\frac{1}{2}$	7	c	7	0	7	1	7	1
2	9	1	9	2	9	3	9	3
2 $\frac{1}{2}$	11	2	11	3	12	0	12	1
3	14	c	14	1	14	2	14	3
3 $\frac{1}{2}$	16	1	16	2	17	0	17	1
4	18	2	19	0	19	2	19	3
4 $\frac{1}{2}$	21	c	21	2	21	3	22	1
5	23	1	23	3	24	1	24	3
5 $\frac{1}{2}$	25	3	26	1	26	3	27	1
6	28	c	28	2	29	1	29	3
6 $\frac{1}{2}$	30	2	31	0	31	2	32	1
7	32	3	33	1	34	0	34	3
7 $\frac{1}{2}$	35	c	35	3	36	2	37	1
8	37	2	38	1	39	0	39	3
8 $\frac{1}{2}$	39	3	40	2	41	1	42	0
9	42	1	43	0	43	3	44	2
9 $\frac{1}{2}$	44	2	45	1	46	1	47	0
10	46	3	47	3	48	3	49	2
10 $\frac{1}{2}$	49	0	50	0	51	0	52	0
11	51	2	52	2	53	2	54	2
11 $\frac{1}{2}$	53	3	55	0	56	0	57	0
12	56	1	57	1	58	2	59	2
12 $\frac{1}{2}$	58	2	59	3	60	3	62	0
13	61	c	62	0	63	1	64	2
13 $\frac{1}{2}$	63	1	64	2	65	3	67	0
14	65	2	66	3	68	1	69	2
14 $\frac{1}{2}$	68	0	69	1	70	2	72	0
15	70	1	71	3	73	0	74	2

A TABLE of SOLID MEASURE. 97

Feet long.	Inches Square.							
	26		$26\frac{1}{2}$		$26\frac{1}{2}$		$26\frac{1}{2}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	72	3	74	0	75	2	77	0
16	75	0	76	2	78	0	79	2
$16\frac{1}{2}$	77	2	78	3	80	1	81	3
17	79	3	81	1	82	3	84	1
$17\frac{1}{2}$	82	0	83	2	85	1	86	3
18	84	2	86	0	87	3	89	1
$18\frac{1}{2}$	86	3	88	2	90	0	91	3
19	89	0	90	3	92	2	94	1
$19\frac{1}{2}$	91	2	93	1	95	0	96	3
20	93	3	95	2	97	2	99	1
$20\frac{1}{2}$	96	0	98	0	99	3	101	3
21	98	2	100	1	102	1	104	1
$21\frac{1}{2}$	100	3	102	3	104	3	106	3
22	103	1	105	1	107	1	109	1
$22\frac{1}{2}$	105	2	107	2	109	2	111	3
23	107	3	110	0	112	0	114	1
$23\frac{1}{2}$	110	0	112	1	114	2	116	3
24	112	2	114	3	117	0	119	1
$24\frac{1}{2}$	115	0	117	0	119	1	121	2
25	117	1	119	2	121	3	124	0
$25\frac{1}{2}$	119	2	122	0	124	1	126	2
26	122	0	124	1	126	3	129	0
$26\frac{1}{2}$	124	1	126	3	129	0	131	2
27	126	3	129	0	131	2	134	0
$27\frac{1}{2}$	129	0	131	2	134	0	136	2
28	131	1	133	3	136	2	139	0
$28\frac{1}{2}$	133	3	136	1	138	3	141	2
29	136	0	138	3	141	1	144	0
$29\frac{1}{2}$	138	1	141	0	143	3	146	2

98 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.			
	26	$26\frac{1}{4}$	$26\frac{1}{2}$	$26\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
30	140 3	143 2	146 1	149 0
$30\frac{1}{2}$	143 0	145 3	148 2	151 2
31	145 2	148 1	151 0	154 0
$31\frac{1}{2}$	147 3	150 2	153 2	156 2
32	150 0	153 0	156 0	159 0
$32\frac{1}{2}$	152 2	155 2	158 1	161 1
33	154 3	157 3	160 3	163 3
$33\frac{1}{2}$	157 1	160 1	163 1	166 1
34	159 2	162 2	165 3	168 3
$34\frac{1}{2}$	161 3	165 0	168 0	171 1
35	164 1	167 1	170 2	173 3
$35\frac{1}{2}$	166 2	169 3	173 0	176 1
36	169 0	172 1	175 2	178 3
$36\frac{1}{2}$	171 1	174 2	178 0	181 1
37	173 2	177 0	180 1	183 3
$37\frac{1}{2}$	176 0	179 1	182 3	186 1
38	178 1	181 3	185 1	188 3
$38\frac{1}{2}$	180 2	184 0	187 3	191 1
39	183 0	186 2	190 0	193 3
$39\frac{1}{2}$	185 1	189 0	192 2	196 1
40	187 3	191 1	195 0	198 3

A TABLE of SOLID MEASURE. 99

Feet long.	Inches Square.							
	27		$27\frac{1}{4}$		$27\frac{1}{2}$		$27\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	5	0	5	0	5	1	5	1
$1\frac{1}{2}$	7	2	7	2	7	3	8	0
2	10	0	10	1	10	2	10	2
$2\frac{1}{2}$	12	2	12	3	13	0	13	1
3	15	0	15	1	15	3	16	0
$3\frac{1}{2}$	17	2	18	0	18	1	18	2
4	20	1	20	2	21	0	21	1
$4\frac{1}{2}$	22	3	23	0	23	2	24	0
5	25	1	25	3	26	1	26	2
$5\frac{1}{2}$	27	3	28	1	28	3	29	1
6	30	1	30	3	31	2	32	0
$6\frac{1}{2}$	32	3	33	2	34	0	34	3
7	35	1	36	0	36	3	37	1
$7\frac{1}{2}$	37	3	38	2	39	1	40	0
8	40	2	41	1	42	0	42	3
$8\frac{1}{2}$	43	0	43	3	44	2	45	1
9	45	2	46	1	47	1	48	0
$9\frac{1}{2}$	48	0	48	3	49	3	50	3
10	50	2	51	2	52	2	53	1
$10\frac{1}{2}$	53	0	54	0	55	0	56	0
11	55	2	56	2	57	3	58	3
$11\frac{1}{2}$	58	0	59	1	60	1	61	1
12	60	3	61	3	63	0	64	0
$12\frac{1}{2}$	63	1	64	1	65	2	66	3
13	65	3	67	0	68	1	69	2
$13\frac{1}{2}$	68	1	69	2	70	3	72	0
14	70	3	72	0	73	2	74	3
$14\frac{1}{2}$	73	1	74	3	76	0	77	2
15	75	3	77	1	78	3	80	0

100 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	27		$27\frac{1}{4}$		$27\frac{1}{2}$		$27\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	78	1	79	3	81	1	82	3
16	81	0	82	2	84	0	85	2
$16\frac{1}{2}$	83	2	85	0	86	2	88	0
17	80	0	87	2	89	1	90	3
$17\frac{1}{2}$	88	2	90	0	91	3	93	2
18	91	0	92	3	94	2	96	1
$18\frac{1}{2}$	93	2	95	1	97	0	98	3
19	96	0	97	3	99	3	101	2
$19\frac{1}{2}$	98	2	100	2	102	1	104	1
20	101	1	103	0	105	0	106	3
$20\frac{1}{2}$	103	3	105	2	107	2	109	2
21	106	1	108	1	110	1	112	1
$21\frac{1}{2}$	108	3	110	3	112	3	114	3
22	111	1	113	1	115	2	117	2
$22\frac{1}{2}$	113	3	116	0	118	0	120	1
23	116	1	118	2	120	3	122	3
$23\frac{1}{2}$	118	3	121	0	123	1	125	2
24	121	2	123	3	126	0	128	1
$24\frac{1}{2}$	124	0	126	1	128	2	131	0
25	126	2	128	3	131	1	133	2
$25\frac{1}{2}$	129	0	131	1	133	3	136	1
26	131	2	134	0	136	2	139	0
$26\frac{1}{2}$	134	0	136	2	139	0	141	2
27	136	2	139	0	141	3	144	1
$27\frac{1}{2}$	139	0	141	3	144	1	147	0
28	141	3	144	1	147	0	149	2
$28\frac{1}{2}$	144	1	146	3	149	2	152	1
29	146	3	149	2	152	1	155	0
$29\frac{1}{2}$	149	1	152	0	154	3	157	3



A TABLE of SOLID MEASURE. 101

Feet long.	Inches Square.			
	27	27 $\frac{1}{4}$	27 $\frac{1}{2}$	27 $\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
30	151 3	154 2	157 2	160 1
30 $\frac{1}{2}$	154 1	157 1	160 0	163 0
31	156 3	159 3	162 3	165 3
31 $\frac{1}{2}$	159 1	162 1	165 1	168 1
32	162 0	165 0	168 0	171 0
32 $\frac{1}{2}$	164 2	167 2	170 2	173 3
33	167 0	170 0	173 1	176 1
33 $\frac{1}{2}$	169 2	172 2	175 3	179 0
34	172 0	175 1	178 2	181 3
34 $\frac{1}{2}$	174 2	177 3	181 0	184 1
35	177 0	180 1	183 3	187 0
35 $\frac{1}{2}$	179 2	183 0	186 1	189 3
36	182 1	185 2	189 0	192 2
36 $\frac{1}{2}$	184 3	188 0	191 2	195 0
37	187 1	190 3	194 1	197 3
37 $\frac{1}{2}$	189 3	193 1	196 3	200 2
38	192 1	195 3	199 2	203 0
38 $\frac{1}{2}$	194 3	198 2	202 0	205 3
39	197 1	201 0	204 3	208 2
39 $\frac{1}{2}$	199 3	203 2	207 1	211 0
40	202 2	206 1	210 0	213 3

102 A TABLE of SOLID MEASURE.

Feet long	Inches Square							
	28		$28\frac{1}{4}$		$28\frac{1}{2}$		$28\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	5	1	5	2	5	2	5	2
$1\frac{1}{2}$	8	0	8	1	8	1	8	2
2	10	3	11	0	11	1	11	1
$2\frac{1}{2}$	13	2	13	3	14	0	14	1
3	16	1	16	2	16	3	17	0
$3\frac{1}{2}$	19	0	19	1	19	2	20	0
4	21	3	22	0	22	2	22	3
$4\frac{1}{2}$	24	2	24	3	25	1	25	3
5	27	0	27	2	28	0	28	2
$5\frac{1}{2}$	29	3	30	1	31	0	31	2
6	32	2	33	1	33	3	34	1
$6\frac{1}{2}$	35	1	36	0	36	2	37	1
7	38	0	38	3	39	1	40	0
$7\frac{1}{2}$	40	3	41	2	42	1	43	0
8	43	2	44	1	45	0	45	3
$8\frac{1}{2}$	46	1	47	0	47	3	48	3
9	49	0	49	3	50	3	51	2
$9\frac{1}{2}$	51	2	52	2	53	2	54	2
10	54	1	55	1	56	1	57	1
$10\frac{1}{2}$	57	0	58	0	59	0	60	1
11	59	3	60	3	62	0	63	0
$11\frac{1}{2}$	62	2	63	2	64	3	66	0
12	65	1	66	2	67	2	68	3
$12\frac{1}{2}$	68	0	69	1	70	2	71	3
13	70	3	72	0	73	1	74	2
$13\frac{1}{2}$	73	2	74	3	76	0	77	1
14	76	0	77	2	78	3	80	1
$14\frac{1}{2}$	78	3	80	1	81	3	83	0
15	81	2	83	0	84	2	86	0

A TABLE of SOLID MEASURE. 103

Feet long.	Inches Square.			
	28	$28\frac{1}{2}$	$28\frac{1}{2}$	$28\frac{1}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
$15\frac{1}{2}$	84	185	387	188 3
16	87	088	290	191 3
$16\frac{1}{2}$	89	391	193	094 2
17	92	294	095	397 2
$17\frac{1}{2}$	95	196	398	2100 1
18	98	099	3101	2103 1
$18\frac{1}{2}$	100	2102	2104	1106 0
19	103	1105	1107	0109 0
$19\frac{1}{2}$	106	0108	0109	3111 3
20	108	3110	3112	3114 3
$20\frac{1}{2}$	111	2113	2115	2117 2
21	114	1116	1118	1120 2
$21\frac{1}{2}$	117	0119	0121	1123 1
22	119	3121	3124	0126 1
$22\frac{1}{2}$	122	2124	2126	3129 0
23	125	0127	1129	2132 0
$23\frac{1}{2}$	127	3130	0132	2134 3
24	130	2133	0135	1137 3
$24\frac{1}{2}$	133	1135	3138	0140 2
25	136	0138	2141	0143 2
$25\frac{1}{2}$	138	3141	1143	3146 1
26	141	2144	0146	2149 0
$26\frac{1}{2}$	144	1146	3149	1152 0
27	147	0149	2152	1154 3
$27\frac{1}{2}$	149	2152	1155	0157 3
28	152	1155	0157	3160 2
$28\frac{1}{2}$	155	0157	3160	3163 2
29	157	3160	2163	2166 1
$29\frac{1}{2}$	160	2163	1166	1169 1

104 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.			
	28	$28\frac{1}{4}$	$28\frac{1}{2}$	$28\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.
30	163 1	166 1	169 0	172 0
$30\frac{1}{2}$	166 0	169 0	172 0	175 0
31	168 3	171 3	174 3	177 3
$31\frac{1}{2}$	171 2	174 2	177 2	180 3
32	174 0	177 1	180 2	183 2
$32\frac{1}{2}$	176 3	180 0	183 1	186 2
33	179 2	182 3	186 0	189 1
$33\frac{1}{2}$	182 1	185 2	188 3	192 1
34	185 0	188 1	191 3	195 0
$34\frac{1}{2}$	187 3	191 0	194 2	198 0
35	190 2	193 3	197 1	200 3
$35\frac{1}{2}$	193 1	196 2	200 0	203 3
36	196 0	199 2	203 0	206 2
$36\frac{1}{2}$	198 2	202 1	205 3	209 2
37	201 1	205 0	208 2	212 1
$37\frac{1}{2}$	204 0	207 3	211 2	215 1
38	206 3	210 2	214 1	218 0
$38\frac{1}{2}$	209 2	213 1	217 0	220 3
39	212 1	216 0	219 3	223 3
$39\frac{1}{2}$	215 0	218 3	222 3	226 2
40	217 3	221 2	225 2	229 2

A TABLE of SOLID MEASURE. 105

Feet long.	Inches Square.							
	29		29 $\frac{1}{4}$		29 $\frac{1}{2}$		29 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	5	3	5	3	6	0	6	0
1 $\frac{1}{2}$	8	3	8	3	9	0	9	0
2	11	2	11	3	12	0	12	1
2 $\frac{1}{2}$	14	2	14	3	15	0	15	1
3	17	2	17	3	18	0	18	1
3 $\frac{1}{2}$	20	1	20	3	21	0	21	2
4	23	1	23	3	24	0	24	2
4 $\frac{1}{2}$	26	1	26	2	27	0	27	2
5	29	0	29	2	30	0	30	2
5 $\frac{1}{2}$	32	0	32	2	33	0	33	3
6	35	0	35	2	36	1	36	3
6 $\frac{1}{2}$	37	3	38	2	39	1	39	3
7	40	3	41	2	42	1	43	0
7 $\frac{1}{2}$	43	3	44	2	45	1	46	0
8	46	2	47	2	48	1	49	0
8 $\frac{1}{2}$	49	2	50	2	51	1	52	0
9	52	2	53	1	54	1	55	1
9 $\frac{1}{2}$	55	1	56	1	57	1	58	1
10	58	1	59	1	60	1	61	1
10 $\frac{1}{2}$	61	1	62	1	63	1	64	2
11	64	0	65	1	66	1	67	2
11 $\frac{1}{2}$	67	0	68	1	69	1	70	2
12	70	0	71	1	72	2	73	3
12 $\frac{1}{2}$	73	0	74	1	75	2	76	3
13	75	3	77	0	78	2	79	3
13 $\frac{1}{2}$	78	3	80	0	81	2	82	3
14	81	3	83	0	84	2	86	0
14 $\frac{1}{2}$	84	2	86	0	87	2	89	0
15	87	2	89	0	90	2	92	0

106 A TABLE of SOLID MEASURE.

Feet long.	Inches Square.							
	29		$29\frac{1}{4}$		$29\frac{1}{2}$		$29\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.
$15\frac{1}{2}$	90	2	92	0	93	2	95	1
16	93	1	95	0	96	2	98	1
$16\frac{1}{2}$	96	1	98	0	99	2	101	1
17	99	1	101	0	102	2	104	1
$17\frac{1}{2}$	102	0	103	3	105	3	107	2
18	105	0	106	3	108	3	110	2
$18\frac{1}{2}$	108	0	109	3	111	3	113	2
19	110	3	112	3	114	3	116	3
$19\frac{1}{2}$	113	3	115	3	117	3	119	3
20	116	3	118	3	120	3	122	3
$20\frac{1}{2}$	119	2	121	3	123	3	125	3
21	122	2	124	3	126	3	129	0
$21\frac{1}{2}$	125	2	127	2	129	3	132	0
22	128	1	130	2	132	3	135	0
$22\frac{1}{2}$	131	1	133	2	135	3	138	1
23	134	1	136	2	138	3	141	1
$23\frac{1}{2}$	137	0	139	2	142	0	144	1
24	140	0	142	2	145	0	147	2
$24\frac{1}{2}$	143	0	145	2	148	0	150	2
25	146	0	148	2	151	0	153	2
$25\frac{1}{2}$	148	3	151	2	154	0	156	2
26	151	3	154	1	157	0	159	3
$26\frac{1}{2}$	154	3	157	1	160	0	162	3
27	157	2	160	1	163	0	165	3
$27\frac{1}{2}$	160	2	163	1	166	0	169	0
28	163	2	166	1	169	0	172	0
$28\frac{1}{2}$	166	1	169	1	172	0	175	0
29	169	1	172	1	175	1	178	0
$29\frac{1}{2}$	172	1	175	1	178	1	181	1

A TABLE of SOLID MEASURE. 107

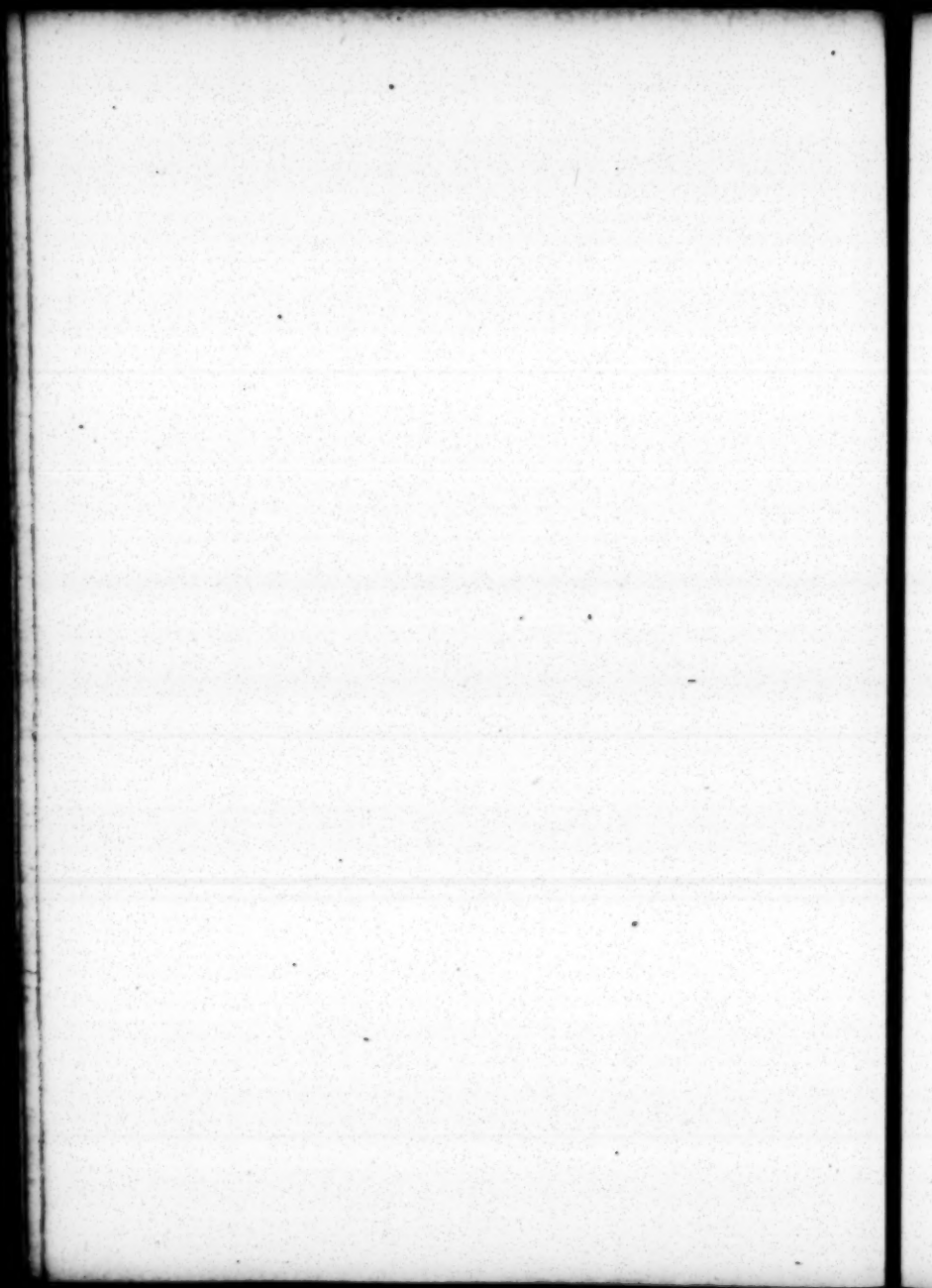
Feet long.	Inches Square.			
	29	29 $\frac{1}{4}$	29 $\frac{1}{2}$	29 $\frac{3}{4}$
	F. Q	F. Q	F. Q	F. Q.
30	175	78 c	181	1184 1
30 $\frac{1}{2}$	178	81 c	184	1187 1
31	181	84 c	187	1190 2
31 $\frac{1}{2}$	183	87 c	190	1193 2
32	186	90 c	193	1196 2
32 $\frac{1}{2}$	189	93 c	196	1199 3
33	192	2 196 c	199	1202 3
33 $\frac{1}{2}$	195	2 199 c	202	1205 3
34	198	2 202 c	205	1208 3
34 $\frac{1}{2}$	201	1 204 3	208	1212 0
35	204	1 207 3	211	2215 0
35 $\frac{1}{2}$	207	210 3	214	2218 0
36	210	213 3	217	2221 1
36 $\frac{1}{2}$	213	216 3	220	2224 1
37	216	0 219 3	223	2227 1
37 $\frac{1}{2}$	219	222 3	226	2230 1
38	221	3 225 3	229	2233 2
38 $\frac{1}{2}$	224	3 228 3	232	2236 2
39	227	231 2	235	2239 2
39 $\frac{1}{2}$	230	2 234 2	238	2242 3
40	233	2 237 2	241	2245 3

108 A TABLE of SOLID MEASURE.

Feet	Inches Square.		
	30		
	12		
1	6	1	15 $\frac{1}{2}$ 96 3
2	12	1	19 00 0
3	18	1	16 $\frac{1}{2}$ 03 0
4	24	1	17 $\frac{1}{2}$ 06 1
5	30	1	18 $\frac{1}{2}$ 09 1
6	36	1	19 $\frac{1}{2}$ 12 2
7	42	1	20 $\frac{1}{2}$ 15 2
8	48	1	21 $\frac{1}{2}$ 18 3
9	54	1	22 $\frac{1}{2}$ 21 3
10	60	1	23 $\frac{1}{2}$ 25 0
11	66	1	24 $\frac{1}{2}$ 28 0
12	72	1	25 $\frac{1}{2}$ 31 1
13	78	1	26 $\frac{1}{2}$ 34 1
14	84	1	27 $\frac{1}{2}$ 37 2
15	90	1	28 $\frac{1}{2}$ 40 2
16	96	1	29 $\frac{1}{2}$ 43 3
17	102	1	30 $\frac{1}{2}$ 46 3
18	108	1	31 $\frac{1}{2}$ 50 0
19	114	1	32 $\frac{1}{2}$ 53 0
20	120	1	33 $\frac{1}{2}$ 56 1
21	126	1	34 $\frac{1}{2}$ 59 1
22	132	1	35 $\frac{1}{2}$ 62 2
23	138	1	36 $\frac{1}{2}$ 65 2
24	144	1	37 $\frac{1}{2}$ 68 3
25	150	1	38 $\frac{1}{2}$ 71 3
26	156	1	39 $\frac{1}{2}$ 75 0
27	162	1	40 $\frac{1}{2}$ 78 0
28	168	1	41 $\frac{1}{2}$ 81 1
29	174	1	42 $\frac{1}{2}$ 84 1
30	180	1	43 $\frac{1}{2}$ 87 1

A TABLE of SOLID MEASURE. 109

100	100
30	187 2
30 $\frac{1}{2}$	190 2
31	193 3
31 $\frac{1}{2}$	196 3
32	200 0
32 $\frac{1}{2}$	203 0
33	206 1
33 $\frac{1}{2}$	209 1
34	212 2
34 $\frac{1}{2}$	215 2
35	218 3
35 $\frac{1}{2}$	221 3
36	225 0
36 $\frac{1}{2}$	228 0
37	231 1
37 $\frac{1}{2}$	234 1
38	237 2
38 $\frac{1}{2}$	240 2
39	243 3
39 $\frac{1}{2}$	246 3
40	250 0



O F

T I M B E R

M E A S U R I N G.

TIMBER MEASURING.

TO THE READER,

FROM the many difficulties which often arise between buyers and sellers, it may not be improper to make the following observations, viz.

I. Bark of any kind should not be included in the girth, as it is not timber.

II. Proper allowance should be made for rotten knots, cup and star sheaks, dozes, jngalls, worn holes, hollows, forked and stubshud ends, &c. but for freight or the like it should be measured to the full.

III. In measuring large square mohogany logs, which is commonly done by taking length, breadth and thickness, it would be more exact to girth the same, and allow for the sap that is on the wains, after which reduce it into superficial inch feet, by which it is sold. This is a more certain and sure method, as the other depends more upon guess work; for a measurer may be deceived by the large weans if he is not very well experienced: Nor would it be an absurd

TIMBER MEASURING. 113

furd custom to introduce, that in large mohogany there should be some allowance made to the buyer for the kerf of the saw.

IV. There should be a reasonable allowance made in all kinds of timber for sap (if even sound) but where it is on the decay none of it should be measured.

V. In measuring Dantzick oak logs, which are generally flat, it is not proper to take one fourth of circumference for the girth, as the content thereof is not in the piece.

VI. In girthing of timber many will insist upon the centre of the piece to be the right place, so it may if it be regular in its form, but if there be a swell or bulge in that spot the measurer has liberty to incline to the butt, or take it in two or more places, which has been an old custom, and is only giving the turn of the scale to the buyer.

There might be other remarks made, but these are most material, and which I mention from twenty-six years experience,

114. TIMBER MEASURING.

INSTRUCTIONS.

- 1728 Cubical inches one cubical foot.
- 144 Square inches one square foot.
- 50 Feet solid of round timber one tun.
- 40 Feet solid of square timber one tun.
- 1 Cubical yard 27 cubical feet.

OF SCANTLING.

Squares.	Runn. Feet.	} A Foot Solid.	Divide the number of running feet by its proper divisor, according to the square of the scantling, and the solidity thereof will appear.
2	36		
2 and 3	24		
2 and 4	18		
3	16		
3 and 4	12		
4	9		
4 and 5	7 $\frac{2}{10}$		
5	5 $\frac{7}{10}$		
5 and 6	4 $\frac{8}{10}$		
6	4		

A. Table

TIMBER MEASURING. 115

A Table of superficial feet of different thickness contained in a foot and tun solid, the tun being forty feet solid.

To a foot solid.	To a tun solid.	Of what thickness.
48	1920	$\frac{1}{4}$ of an Inch.
24	960	$\frac{1}{2}$ Inch.
16	640	$\frac{3}{4}$ Inch.
12	480	Inch.
9 $\frac{6}{10}$	384	Inch and $\frac{1}{4}$
8	320	Inch and $\frac{1}{2}$
6	240	2 Inch.
4 $\frac{8}{10}$	192	2 $\frac{1}{2}$ Inch.
4	160	3 Inch.
3 $\frac{428}{1000}$	137 $\frac{1}{7}$	3 $\frac{1}{2}$ Inch.
3	120	4 Inch.
2 $\frac{4}{10}$	96	5 Inch.
2	80	6 Inch.
1 $\frac{7}{10}$	68 $\frac{4}{7}$	7 Inch.
1 $\frac{5}{10}$	60	8 Inch.
1 $\frac{1}{3}$	53 $\frac{1}{3}$	9 Inch.
1 $\frac{1}{5}$	48	10 Inch.
1 $\frac{1}{11}$	43 $\frac{7}{11}$	11 Inch.
1	40	12 Inch.

Unequal

116 TIMBER MEASURING.

UNEQUAL-SIDED TIMBER.

A piece of timber $26\frac{1}{2}$ feet long, $18\frac{1}{2}$ inches broad, and $14\frac{1}{2}$ inches thick, how many solid feet?

RULE.

Multiply breadth and thickness together (in inches and half inches, and that product by the length in feet, which, when done, divide by 144; cutting off so many decimal figures as there are in the operation; and the content will appear in solid feet; the remainder divided by 12, give inches, &c.

Note, 25 is the decimal of $\frac{1}{4}$ th
5 is the decimal of $\frac{1}{2}$ th
half—

And 75 the decimal of $\frac{3}{4}$ ths. of any thing.

Operation, Decimally.

Inch. Parts.

18,5 broad.

14,5 thick.

92 5

740

185

2682 5

26 5 Length.

13412 5

160950

53650

Feet I. 12t.

144 | 7108,62 5 | 49 4 4
576 [Solid,

1348

1296

12 | 52 |

Inch. 4 4 12ths.

Triangular

TIMBER MEASURING. 117

TRIANGULAR TIMBER.

A piece of timber whose sides are triangular, viz. The base 26 inches, perpendicular $17\frac{1}{2}$ inches, and the length 12 feet, how many solid feet contained?

RULE.

Operation.

Multiply base
by perpendicular in inches, and $\frac{1}{2}$
that product
by the length
in feet, which
when done,
divide by 144,
gives the
number of solid feet contained. Divide the remainder by 12, for the inches.

Inches.

26 Base.
 $17\frac{1}{2}$ Perpendicular.

182

26

13

455 Product.

$22\frac{1}{2}$ Half the Prod.

12

— Sol. Ft. In. 12ths.

144|2730| 18 11 6 Ans.

144

1290

1152

12|138|

11 6

H

Mohogany.

118 TIMBER MEASURING.

MOHOGANY.

A mohogany logg $25\frac{1}{2}$ inches broad, 16 inches deep, and $15\frac{1}{2}$ feet long, how many superficial inch feet?

RULE. Multiply breadth by depth in inches, and that product by the length in feet, which last product, divided by 12, gives the superficial inch feet required.

Note. The same operation will do for marble.

	Operation.
	Inches.
	Breadth.
	Depth.
<hr/>	
150	
258	
<hr/>	
408	
$15\frac{1}{2}$	Feet in length.
<hr/>	
2040	
408	
204	
<hr/>	
12	6324
<hr/>	
527	Superficial inch feet.
	Answer.

TIMBER MEASURING. 119

SAWYERS WORK.

A piece of timber 34 feet, 6 inches long, and 10 cuts, making 13 feet, $4\frac{1}{2}$ inches, in line, how many feet of sawing doth it contain?

RULE. Multiply length by line in feet and inches, &c. gives the product required.

Operation.

Ft.	Inches.	
34	6	Length.
13	$4\frac{1}{2}$	Line.

102	
346	6
11	4
1	$5\frac{1}{4}$
	2

Feet 461 $5\frac{1}{4}$ Of Sawing.

CIRCULAR MEASURE.

To find the content of a Circle, multiply half the circumference by half the diameter, will give the square inches.

To find the tons burthen of a ship or barge, &c. multiply the length of the keel by the breadth of the beam in feet, and that product by the depth of the hold, which divided by 94 (according to custom) will give the tonnage required.

A TABLE

A

T A B L E

O F

SUPERFICIAL MEASURE.

122 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	3		3½			3		3½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	0	1	0	1	15½	3	3	4	2
1½	0	1	0	1	16	4	0	4	2
2	0	2	0	2	16½	4	0	4	3
2½	0	2	0	2	17	4	1	4	3
3	0	3	0	3	17½	4	1	5	0
3½	0	3	1	0	18	4	2	5	1
4	1	0	1	0	18½	4	2	5	1
4½	1	0	1	1	19	4	3	5	2
5	1	1	1	1	19½	4	3	5	2
5½	1	1	1	2	20	5	0	5	3
6	1	2	1	3	20½	5	0	5	3
6½	1	2	1	3	21	5	1	6	0
7	1	3	2	0	21½	5	1	6	1
7½	1	3	2	0	22	5	2	6	1
8	2	0	2	1	22½	5	2	6	2
8½	2	0	2	1	23	5	3	6	2
9	2	1	2	2	23½	5	3	6	3
9½	2	1	2	3	24	6	0	7	0
10	2	2	2	3	24½	6	0	7	0
10½	2	2	3	0	25	6	1	7	1
11	2	3	3	0	25½	6	1	7	1
11½	2	3	3	1	26	6	2	7	2
12	3	0	3	2	26½	6	2	7	2
12½	3	0	3	2	27	6	3	7	3
13	3	1	3	3	27½	6	3	8	0
13½	3	1	3	3	28	7	0	8	0
14	3	2	4	0	28½	7	0	8	1
14½	3	2	4	0	29	7	1	8	1
15	3	3	4	1	29½	7	1	8	2

A Table of Superficial Measure. 123

Feet long.	Inches Broad				Feet long.	Inches Broad			
	3		3½			3		3½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	7	2	8	3	40½	10	0	11	3
30½	7	2	8	3	41	10		11	3
31	7	3	9	0	41½	10	1	12	0
31½	7	3	9	0	42	10	2	12	1
32	8	0	9	1	42½	10	2	12	1
32½	8	0	9	1	43	10	5	12	2
33	8	1	9	2	43½	10	5	12	2
33½	8	1	9	3	44	11	0	12	3
34	8	2	9	3	44½	11	0	12	3
34½	8	2	10	0	45	11	1	13	0
35	8	3	10	0	45½	11	1	13	1
35½	8	3	10	1	46	11	2	13	1
36	9	0	10	2	46½	11	2	13	2
36½	9	0	10	2	47	11	3	13	2
37	9	1	10	3	47½	11	3	13	3
37½	9	1	10	3	48	12	0	14	0
38	9	2	11	0	48½	12	0	14	0
38½	9	2	11	0	49	12	1	14	1
39	9	3	11	1	49½	12	1	14	1
39½	9	3	11	2	50	12	2	14	2
40	10	0	11	2					

124 A Table of Superficial Measure.

Feet		Inches Broad		Feet		Inches Broad			
long.		4	4½	long		4	4½		
		F.	Q.	F.	Q.	F.	Q.		
1		0	1	0	1	5	0	5	3
1½		0	2	0	2	5	1	6	0
2		0	2	0	3	5	2	6	0
2½		0	3	0	3	5	2	6	1
3		1	0	1	0	5	3	6	2
3½		1	0	1	1	6	0	6	3
4		1	1	1	2	6	0	6	3
4½		1	2	1	2	6	1	7	0
5		1	2	1	3	6	2	7	1
5½		1	3	2	0	6	2	7	2
6		2	0	2	1	6	3	7	2
6½		2	0	2	1	7	0	7	3
7		2	1	2	2	7	0	8	0
7½		2	2	2	3	7	1	8	1
8		2	2	3	0	7	2	8	1
8½		2	3	3	0	7	2	8	2
9		3	0	3	1	7	3	8	3
9½		3	0	3	2	8	0	9	0
10		3	1	3	3	8	0	9	0
10½		3	2	3	3	8	1	9	1
11		3	2	4	0	8	2	9	2
11½		3	3	4	1	8	2	9	3
12		4	0	4	2	8	3	9	3
12½		4	0	4	2	9	0	10	0
13		4	1	4	3	9	0	10	1
13½		4	2	5	0	9	1	10	2
14		4	2	5	1	9	2	10	2
14½		4	3	5	1	9	2	10	3
15		5	0	5	2	9	3	11	0

A Table of Superficial Measure. 125

Feet		Inches Broad				Feet		Inches Broad			
long.		4		4½		long.		4		4½	
		F.	Q.	F.	Q.			F.	Q.	F.	Q.
30		10	0	11	1	40½		13	2	15	0
30½		10	0	11	1	41		13	2	15	1
31		10	1	11	2	41½		13	3	15	2
31½		10	2	11	3	42		14	0	15	3
32		10	2	12	0	42½		14	0	15	3
32½		10	3	12	0	43		14	1	16	0
33		11	0	12	1	43½		14	2	16	1
33½		11	0	12	2	44		14	2	16	2
34		11	1	12	3	44½		14	3	16	2
34½		11	2	12	3	45		15	0	16	3
35		11	2	13	0	45½		15	0	17	0
35½		11	3	13	1	46		15	1	17	1
36		12	0	13	2	46½		15	2	17	1
36½		12	0	13	2	47		15	2	17	2
37		12	1	13	3	47½		15	3	17	3
37½		12	2	14	0	48		16	0	18	0
38		2	2	14	1	48½		16	0	18	0
38½		2	3	14	1	49		16	1	18	1
39		3	0	14	2	49½		16	2	18	2
39½		3	0	14	3	50		16	2	18	3
40		3	1	15	0						

126 A Table of Superficial Measure.

Feet long.	Inches Broad.				Feet long.	Inches Broad.			
	5		$5\frac{1}{2}$			5		$5\frac{1}{2}$	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	0	1	0	1	$15\frac{1}{2}$	6	1	7	0
$1\frac{1}{2}$	0	2	0	3	16	6	2	7	1
2	0	3	0	3	$16\frac{1}{2}$	6	3	7	2
$2\frac{1}{2}$	1	0	1	0	17	7	0	7	3
3	1	1	1	1	$17\frac{1}{2}$	7	1	8	0
$3\frac{1}{2}$	1	1	1	2	18	7	2	8	1
4	1	2	1	3	$18\frac{1}{2}$	7	2	8	1
$4\frac{1}{2}$	1	3	2	0	19	7	3	8	2
5	2	0	2	1	$19\frac{1}{2}$	8	0	8	3
$5\frac{1}{2}$	2	1	2	2	20	8	1	9	0
6	2	2	2	3	$20\frac{1}{2}$	8	2	9	1
$6\frac{1}{2}$	2	2	2	3	21	8	3	9	2
7	2	3	3	0	$21\frac{1}{2}$	8	3	9	3
$7\frac{1}{2}$	3	0	3	1	22	9	0	10	0
8	3	1	3	2	$22\frac{1}{2}$	9	1	10	1
$8\frac{1}{2}$	3	2	3	3	23	9	2	10	2
9	3	3	4	0	$23\frac{1}{2}$	9	3	10	3
$9\frac{1}{2}$	3	3	4	1	24	10	0	11	0
10	4	0	4	2	$24\frac{1}{2}$	10	0	11	0
$10\frac{1}{2}$	4	1	4	3	25	10	1	11	1
11	4	2	5	0	$25\frac{1}{2}$	10	2	11	2
$11\frac{1}{2}$	4	3	5	1	26	10	3	11	3
12	5	0	5	2	$26\frac{1}{2}$	11	0	12	0
$12\frac{1}{2}$	5	0	5	2	27	11	1	12	1
13	5	1	5	3	$27\frac{1}{2}$	11	1	12	2
$13\frac{1}{2}$	5	2	6	0	28	11	2	12	3
14	5	3	6	1	$28\frac{1}{2}$	11	3	13	0
$14\frac{1}{2}$	6	0	6	2	29	12	0	13	1
15	6	1	6	3	$29\frac{1}{2}$	12	1	13	2

A. Table of Superficial Measure. 127

Feet long.	Inches Broad				Feet long.	Inches Broad			
	5	$5\frac{1}{2}$				5	$5\frac{1}{2}$		
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	12	2	13	3	40 $\frac{1}{2}$	16	3	18	2
30 $\frac{1}{2}$	12	2	13	3	41	17	0	18	3
31	12	3	14	0	41 $\frac{1}{2}$	17	1	19	0
31 $\frac{1}{2}$	13	0	14	1	42	17	2	19	1
32	13	1	14	2	42 $\frac{1}{2}$	17	2	19	1
32 $\frac{1}{2}$	13	2	14	3	43	17	3	19	2
33	13	3	15	0	43 $\frac{1}{2}$	18	0	19	3
33 $\frac{1}{2}$	13	3	15	1	44	18	1	20	0
34	14	0	15	2	44 $\frac{1}{2}$	18	2	20	1
34 $\frac{1}{2}$	14	1	15	3	45	18	3	20	2
35	14	2	16	0	45 $\frac{1}{2}$	18	3	20	3
35 $\frac{1}{2}$	14	3	16	1	46	19	0	21	0
36	15	0	16	2	46 $\frac{1}{2}$	19	1	21	1
36 $\frac{1}{2}$	15	0	16	2	47	19	2	21	2
37	15	1	16	3	47 $\frac{1}{2}$	19	3	21	3
37 $\frac{1}{2}$	15	2	17	0	48	20	0	22	0
38	15	3	17	1	48 $\frac{1}{2}$	20	0	22	0
38 $\frac{1}{2}$	16	0	17	2	49	20	1	22	1
39	16	1	17	3	49 $\frac{1}{2}$	20	2	22	2
39 $\frac{1}{2}$	16	1	18	0	50	20	3	22	3
40	16	2	18	1					

128 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	6		6½			6		6½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	0	2	0	2	15½	7	3	8	1
1½	0	3	0	3	16	8	0	8	2
2	1	0	1	0	16½	8	1	8	3
2½	1	1	1	1	17	8	2	9	0
3	1	2	1	2	17½	8	3	9	1
3½	1	3	1	3	18	9	0	9	3
4	2	0	2	0	18½	9	1	10	0
4½	2	1	2	1	19	9	2	10	1
5	2	2	2	2	19½	9	3	10	2
5½	2	3	2	3	20	10	0	10	3
6	3	0	3	0	20½	10	1	11	0
6½	3	1	3	1	21	10	2	11	1
7	3	2	3	2	21½	10	3	11	2
7½	3	3	4	0	22	11	0	11	3
8	4	0	4	0	22½	11	1	12	0
8½	4	1	4	1	23	11	2	12	1
9	4	2	4	2	23½	11	3	12	2
9½	4	3	5	0	24	12	0	13	0
10	5	0	5	0	24½	12	1	13	1
10½	5	1	5	1	25	12	2	13	2
11	5	2	5	2	25½	12	3	13	3
11½	5	3	6	0	26	13	0	14	0
12	6	0	6	0	26½	13	1	14	1
12½	6	1	6	1	27	13	2	14	2
13	6	2	7	0	27½	13	3	14	3
13½	6	3	7	1	28	14	0	15	0
14	7	0	7	0	28½	14	1	15	1
14½	7	1	7	1	29	14	2	15	2
15	7	2	8	0	29½	14	3	15	3

A Table of Superficial Measure. 129

Feet long.	Inches Broad				Feet long.	Inches Broad			
	6		$6\frac{1}{2}$			6		$6\frac{1}{2}$	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	15	0	16	1	$40\frac{1}{2}$	20	1	21	3
$30\frac{1}{2}$	15	1	16	2	41	20	2	22	0
31	15	2	16	3	$41\frac{1}{2}$	20	3	22	1
$31\frac{1}{2}$	15	3	17	0	42	21	0	22	3
32	16	0	17	1	$42\frac{1}{2}$	21	1	23	0
$32\frac{1}{2}$	16	1	17	2	43	21	2	23	1
33	16	2	17	3	$43\frac{1}{2}$	21	3	23	2
$33\frac{1}{2}$	16	3	18	0	44	22	0	23	3
34	17	0	18	1	$44\frac{1}{2}$	22	1	24	0
$34\frac{1}{2}$	17	1	18	2	45	22	2	24	1
35	17	2	18	3	$45\frac{1}{2}$	22	3	24	2
$35\frac{1}{2}$	17	3	19	0	46	23	0	24	3
36	18	0	19	2	$46\frac{1}{2}$	23	1	25	0
$36\frac{1}{2}$	18	1	19	3	47	23	2	25	1
37	18	2	20	0	$47\frac{1}{2}$	23	3	25	2
$37\frac{1}{2}$	18	3	20	1	48	24	0	26	0
38	19	0	20	2	$48\frac{1}{2}$	24	1	26	1
$38\frac{1}{2}$	19	1	20	3	49	24	2	26	2
39	19	2	21	0	$49\frac{1}{2}$	24	3	26	3
$39\frac{1}{2}$	19	3	21	1	50	25	0	27	0
40	20	0	21	2					

130 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	7		7½			7		7½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	0	2	0	2	15½	9	0	9	2
1½	0	3	0	3	16	9	1	10	0
2	1	0	1	1	16½	9	2	10	1
2½	1	1	1	2	17	9	3	10	2
3	1	3	1	3	17½	10	0	10	3
3½	2	0	2	0	18	10	2	11	1
4	2	1	2	2	18½	10	3	11	2
4½	2	2	2	3	19	11	0	11	3
5	2	3	3	0	19½	11	1	12	0
5½	3	0	3	1	20	11	2	12	2
6	3	2	3	3	20½	11	3	12	3
6½	3	3	4	0	21	12	1	13	0
7	4	0	4	1	21½	12	2	13	1
7½	4	1	4	2	22	12	3	13	3
8	4	2	5	0	22½	13	0	14	0
8½	4	3	5	1	23	13	1	14	1
9	5	0	5	2	23½	13	2	14	2
9½	5	2	5	3	24	14	0	15	0
10	5	3	6	1	24½	14	1	15	1
10½	6	0	6	2	25	14	2	15	2
11	6	1	6	3	25½	14	3	15	3
11½	0	2	7	0	26	15	0	16	1
12	7	0	7	2	26½	15	1	16	2
12½	7	1	7	3	27	15	3	16	3
13	7	2	8	0	27½	16	0	17	0
13½	7	3	8	1	28	16	1	17	2
14	8	0	8	3	28½	16	2	17	3
14½	8	1	9	0	29	16	3	18	0
15	8	3	9	1	29½	17	0	18	1

A Table of Superficial Measure. 131

Feet Inches Broad				Feet Inches Broad			
long.	7	7 $\frac{1}{2}$		long	7	7 $\frac{1}{2}$	
	F.	Q.	F. Q.		F.	Q.	F. Q.
30	17	2	18 3	40 $\frac{1}{2}$	23	2	25 1
30 $\frac{1}{2}$	17	3	19 0	41	23	3	25 2
31	18	0	19 1	41 $\frac{1}{2}$	24	0	25 3
31 $\frac{1}{2}$	18	1	19 2	42	24	2	26 1
32	18	2	20 0	42 $\frac{1}{2}$	24	3	26 2
32 $\frac{1}{2}$	18	3	20 1	43	25	0	26 3
33	19	1	20 2	43 $\frac{1}{2}$	25	1	27 0
33 $\frac{1}{2}$	19	2	20 3	44	25	2	27 2
34	19	3	21 1	44 $\frac{1}{2}$	25	3	27 3
34 $\frac{1}{2}$	20	0	21 2	45	26	1	28 0
35	20	1	21 3	45 $\frac{1}{2}$	26	2	28 1
35 $\frac{1}{2}$	20	2	22 0	46	26	3	28 3
36	21	0	22 2	46 $\frac{1}{2}$	27	0	29 0
36 $\frac{1}{2}$	21	1	22 3	47	27	1	29 1
37	21	2	23 0	47 $\frac{1}{2}$	27	2	29 2
37 $\frac{1}{2}$	21	3	23 1	48	28	0	30 0
38	22	0	23 3	48 $\frac{1}{2}$	28	1	30 1
38 $\frac{1}{2}$	22	1	24 0	49	28	2	30 2
39	22	3	24 1	49 $\frac{1}{2}$	28	3	30 3
39 $\frac{1}{2}$	23	0	24 2	50	29	0	31 1
40	23	1	25 0				

132 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	8		8½			8		8½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	0	2	0	2	15½	10	1	10	3
1½	1	0	1	0	16	10	2	11	1
2	1	1	1	1	16½	11	0	11	2
2½	1	2	1	3	17	11	1	12	0
3	2	0	2	0	17½	11	2	12	1
3½	2	1	2	1	18	12	0	12	3
4	2	2	2	3	18½	12	1	13	0
4½	3	0	3	0	19	12	2	13	1
5	3	1	3	2	19½	13	0	13	3
5½	3	2	3	3	20	13	1	14	0
6	4	0	4	1	20½	13	2	14	2
6½	4	1	4	2	21	14	0	14	3
7	4	2	4	3	21½	14	1	15	0
7½	5	0	5	1	22	14	2	15	2
8	5	1	5	2	22½	15	0	15	3
8½	5	2	6	0	23	15	1	16	1
9	6	0	6	1	23½	15	2	16	2
9½	6	1	6	2	24	16	0	17	0
10	6	2	7	0	24½	16	1	17	1
10½	7	0	7	1	25	16	2	17	2
11	7	1	7	3	25½	17	0	18	0
11½	7	2	8	0	26	17	1	18	1
12	8	0	8	2	26½	17	2	18	3
12½	8	1	8	3	27	18	0	19	0
13	8	2	9	0	27½	18	1	19	1
13½	9	0	9	2	28	18	2	19	3
14	9	1	9	3	28½	19	0	20	0
14½	9	2	10	1	29	19	1	20	2
15	10	0	10	2	29½	19	2	20	3

A Table of Superficial Measure. 133

Feet long	Inches Broad				Feet long	Inches Broad			
	8		$8\frac{1}{2}$			8		$8\frac{1}{2}$	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	20	0	21	1	$40\frac{1}{2}$	27	0	28	2
$30\frac{1}{2}$	20	1	21	2	41	27	1	29	0
31	20	2	21	3	$41\frac{1}{2}$	27	2	29	1
$31\frac{1}{2}$	21	0	22	1	42	28	0	29	3
32	21	1	22	2	$42\frac{1}{2}$	28	1	30	0
$32\frac{1}{2}$	21	2	23	0	43	28	2	30	1
33	22	0	23	1	$43\frac{1}{2}$	29	0	30	3
$33\frac{1}{2}$	22	1	23	2	44	29	1	31	0
34	22	2	24	0	$44\frac{1}{2}$	29	2	31	2
$34\frac{1}{2}$	23	0	24	1	45	30	0	31	3
35	23	1	24	3	$45\frac{1}{2}$	30	1	32	0
$35\frac{1}{2}$	23	2	25	0	46	30	2	32	2
36	24	0	25	2	$46\frac{1}{2}$	31	0	32	3
$36\frac{1}{2}$	24	1	25	3	47	31	1	33	1
37	24	2	26	0	$47\frac{1}{2}$	31	2	33	2
$37\frac{1}{2}$	25	0	26	2	48	32	0	34	0
38	25	1	26	3	$48\frac{1}{2}$	32	1	34	1
$38\frac{1}{2}$	25	2	27	1	49	32	2	34	2
39	26	0	27	2	$49\frac{1}{2}$	33	0	35	0
$39\frac{1}{2}$	26	1	27	3	50	33	1	35	1
40	26	2	28	1					

134 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	9		9½			9		9½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	0	3	0	3	15½	11	2	12	1
1½	1	0	1	0	16	12	0	12	2
2	1	2	1	2	16½	12	1	13	0
2½	1	3	1	3	17	12	3	13	1
3	2	1	2	1	17½	13	0	13	3
3½	2	2	2	3	18	13	2	14	1
4	3	0	3	0	18½	13	3	14	2
4½	3	1	3	2	19	14	1	15	0
5	3	3	3	3	19½	14	2	15	1
5½	4	0	4	1	20	15	0	15	3
6	4	2	4	3	20½	15	1	16	0
6½	4	3	5	0	21	15	3	16	2
7	5	1	5	2	21½	16	0	17	0
7½	5	2	5	3	22	16	2	17	1
8	6	0	6	1	22½	16	3	17	3
8½	6	1	6	2	23	17	1	18	0
9	6	3	7	0	23½	17	2	18	2
9½	7	0	7	2	24	18	0	19	0
10	7	2	7	3	24½	18	1	19	1
10½	7	3	8	1	25	18	3	19	3
11	8	1	8	2	25½	19	0	20	0
11½	8	2	9	0	26	19	2	20	2
12	9	0	9	2	26½	19	3	20	3
12½	9	1	9	3	27	20	1	21	1
13	9	3	10	1	27½	20	2	21	3
13½	10	0	10	2	28	21	0	22	0
14	10	2	11	0	28½	21	1	22	2
14½	10	3	11	1	29	21	3	22	3
15	11	1	11	3	29½	22	0	23	1

A Table of Superficial Measure. 135

Feet long	Inches Broad				Feet long.	Inches Broad			
	9		9½			9		9½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	22	2	23	3	40½	30	1	32	0
30½	22	3	24	0	41	30	3	32	1
31	23	1	24	2	41½	31	0	32	3
31½	23	2	24	3	42	31	2	33	1
32	24	0	25	1	42½	31	3	33	2
32½	24	1	25	2	43	32	1	34	0
33	24	3	26	0	43½	32	2	34	1
33½	25	0	26	2	44	33	0	34	3
34	25	2	26	3	44½	33	1	35	0
34½	25	3	27	1	45	33	3	35	2
35	26	1	27	2	45½	34	0	36	0
35½	26	2	28	0	46	34	2	36	1
36	27	0	28	2	46½	34	3	36	3
36½	27	1	28	3	47	35	1	37	0
37	27	3	29	1	47½	35	2	37	2
37½	28	0	29	2	48	36	0	38	0
38	28	2	30	0	48½	36	1	38	1
38½	28	3	30	1	49	36	3	38	3
39	29	1	30	3	49½	37	0	39	0
39½	29	2	31	1	50	37	2	39	2
40	30	0	31	2					

136 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	10		10½			10		10½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	0	3	0	3	15½	12	3	13	2
1½	1	1	1	1	16	13	1	14	0
2	1	2	1	3	16½	13	3	14	1
2½	2	0	2	0	17	14	0	14	3
3	2	2	2	2	17½	14	2	15	1
3½	2	3	3	0	18	15	0	15	3
4	3	1	3	2	18½	15	1	16	0
4½	3	3	3	3	19	15	3	16	2
5	4	0	4	1	19½	16	1	17	0
5½	4	2	4	3	20	16	2	17	2
6	5	0	5	1	20½	17	0	17	3
6½	5	1	5	2	21	17	2	18	1
7	5	3	6	0	21½	17	3	18	3
7½	6	1	6	2	22	18	1	19	1
8	6	2	7	0	22½	18	3	19	2
8½	7	0	7	1	23	19	0	20	0
9	7	2	7	3	23½	19	2	20	2
9½	7	3	8	1	24	20	0	21	0
10	8	1	8	3	24½	20	1	21	1
10½	8	3	9	0	25	20	3	21	3
11	9	0	9	2	25½	21	1	22	1
11½	9	2	10	0	26	21	2	22	3
12	10	0	10	2	26½	22	0	23	0
12½	10	1	10	3	27	22	2	23	2
13	10	3	11	1	27½	22	3	24	0
13½	11	1	11	3	28	23	1	24	2
14	11	2	12	1	28½	23	3	24	3
14½	12	0	12	2	29	24	0	25	1
15	12	2	13	0	29½	24	2	25	3

A Table of Superficial Measure. 137

Feet long.	Inches Broad		Feet long.	Inches Broad	
	10	10½		10	10½
	F. Q.	F. Q.		F. Q.	F. Q.
30	25 0	26 1	40½	33 3	35 1
30½	25 1	26 2	41	34 0	35 3
31	25 3	27 0	41½	34 2	36 1
31½	26 1	27 2	42	35 0	36 3
32	26 2	28 0	42½	35 1	37 0
32½	27 0	28 1	43	35 3	37 2
33	27 2	28 3	43½	36 1	38 0
33½	27 3	29 1	44	36 2	38 2
34	28 1	29 3	44½	37 0	38 3
34½	28 3	30 0	45	37 2	39 1
35	29 0	30 2	45½	37 3	39 3
35½	29 2	31 0	46	38 1	40 1
36	30 0	31 2	46½	38 3	40 2
36½	30 1	31 3	47	39 0	41 0
37	30 3	32 1	47½	39 2	41 2
37½	31 1	32 3	48	40 0	42 0
38	31 2	33 1	48½	40 1	42 1
38½	32 0	33 2	49	40 3	42 3
39	32 2	34 0	49½	41 1	43 1
39½	32 3	34 2	50	41 2	43 3
40	33 1	35 0			

138 A Table of Superficial Measure.

Feet long	Inches Broad		Feet long	Inches Broad	
	11	11½		11	11½
	F. Q.	F. Q.		F. Q.	F. Q.
1	0 3	0 3	15½	14 0	14 3
1½	1 1	1 1	16	14 2	15 1
2	1 3	1 3	16½	15 0	15 3
2½	2 1	2 1	17	15 2	16 1
3	2 3	2 3	17½	16 0	16 3
3½	3 0	3 1	18	16 2	17 1
4	3 2	3 3	18½	16 3	17 2
4½	4 0	4 1	19	17 1	18 0
5	4 2	4 3	19½	17 3	18 2
5½	5 0	5 1	20	18 1	19 0
6	5 2	5 3	20½	18 3	19 2
6½	5 3	6 0	21	19 1	20 0
7	6 1	6 2	21½	19 2	20 2
7½	6 3	7 0	22	20 0	21 0
8	7 1	7 2	22½	20 2	21 2
8½	7 3	8 0	23	21 0	22 0
9	8 1	8 2	23½	21 2	22 2
9½	8 2	9 0	24	22 0	23 0
10	9 0	9 2	24½	22 1	23 1
10½	9 2	10 0	25	22 3	23 3
11	10 0	10 2	25½	23 1	24 1
11½	10 2	11 0	26	23 3	24 3
12	11 0	11 2	26½	24 1	25 1
12½	11 1	11 3	27	24 3	25 3
13	11 3	12 1	27½	25 0	26 1
13½	12 1	12 3	28	25 2	26 3
14	12 3	13 1	28½	26 0	27 1
14½	13 1	13 3	29	26 2	27 3
15	13 3	14 1	29½	27 0	28 1

A Table of Superficial Measure. 139

Feet long.	Inches Broad			Feet long.	Inches Broad		
	11	11½			11	11½	
	F. Q.	F. Q.		F. Q.	F. Q.		
30	27	228	3	40½	37	038	3
30½	27	329	0	41	37	239	1
31	28	129	2	41½	38	039	3
31½	28	330	0	42	38	240	1
32	29	130	2	42½	38	340	2
32½	29	331	0	43	39	141	0
33	30	131	2	43½	39	341	2
33½	30	232	0	44	40	142	0
34	31	032	2	44½	40	342	2
34½	31	233	0	45	41	143	0
35	32	033	2	45½	41	243	2
35½	32	234	0	46	42	044	0
36	33	034	2	46½	42	244	2
36½	33	134	3	47	43	045	0
37	33	335	1	47½	43	245	2
37½	34	135	3	48	44	046	0
38	34	336	1	48½	44	146	1
38½	35	136	3	49	44	346	3
39	35	337	1	49½	45	147	1
39½	36	037	3	50	45	347	3
40	36	238	1				

140 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	12		12½			12		12½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	1	0	1	0	15½	15	2	16	0
1½	1	2	1	2	16	16	0	16	2
2	2	0	2	0	16½	16	2	17	0
2½	2	2	2	2	17	17	0	17	2
3	3	0	3	0	17½	17	2	18	0
3½	3	2	3	2	18	18	0	18	3
4	4	0	4	0	18½	18	2	19	1
4½	4	2	4	2	19	19	0	19	3
5	5	0	5	0	19½	19	2	20	1
5½	5	2	5	2	20	20	0	20	3
6	6	0	6	1	20½	20	2	21	1
6½	6	2	6	3	21	21	0	21	3
7	7	0	7	1	21½	21	2	22	1
7½	7	2	7	3	22	22	0	22	3
8	8	0	8	1	22½	22	2	23	1
8½	8	2	8	3	23	23	0	23	3
9	9	0	9	1	23½	23	2	24	1
9½	9	2	9	3	24	24	0	25	0
10	10	0	10	1	24½	24	2	25	2
10½	10	2	10	3	25	25	0	26	0
11	11	0	11	1	25½	25	2	26	2
11½	11	2	11	3	26	26	0	27	0
12	12	0	12	2	26½	26	2	27	2
12½	12	2	13	0	27	27	0	28	0
13	13	0	13	2	27½	27	2	28	2
13½	13	2	14	0	28	28	0	29	0
14	14	0	14	2	28½	28	2	29	2
14½	14	2	15	0	29	29	0	30	0
15	15	0	15	2	29½	29	2	30	2

A Table of Superficial Measure. 141

Feet long.	Inches Broad		Feet long.	Inches Broad	
	12	$12\frac{1}{2}$		12	$12\frac{1}{2}$
	F. Q.	F. Q.		F. Q.	F. Q.
30	30	031 1	$40\frac{1}{2}$	40	242 0
$30\frac{1}{2}$	30	231 3	41	41	042 2
31	31	032 1	$41\frac{1}{2}$	41	243 0
$31\frac{1}{2}$	31	232 3	42	42	043 3
32	32	033 1	$42\frac{1}{2}$	42	244 1
$32\frac{1}{2}$	32	233 3	43	43	044 3
33	33	034 1	$43\frac{1}{2}$	43	245 1
$33\frac{1}{2}$	33	234 3	44	44	045 3
34	34	035 1	$44\frac{1}{2}$	44	246 1
$34\frac{1}{2}$	34	235 3	45	45	046 3
35	35	036 1	$45\frac{1}{2}$	45	247 1
$35\frac{1}{2}$	35	236 3	46	46	047 3
36	36	037 2	$46\frac{1}{2}$	46	248 1
$36\frac{1}{2}$	36	238 0	47	47	048 3
37	37	038 2	$47\frac{1}{2}$	47	249 1
$37\frac{1}{2}$	37	239 0	48	48	050 0
38	38	039 2	$48\frac{1}{2}$	48	250 2
$38\frac{1}{2}$	38	240 0	49	49	051 0
39	39	040 2	$49\frac{1}{2}$	49	251 2
$39\frac{1}{2}$	39	241 0	50	50	052 0
40	40	041 2			

142. A Table of Superficial Measure.

Feet Inches Broad				Feet Inches Broad			
long.		13.		13½		long.	
		F.	Q.	F.	Q.		
1		1	0	1	0	15½	16
1½		1	2	1	2	16	17
2		2	0	2	1	16½	17
2½		2	2	2	3	17	18
3		3	1	3	1	17½	18
3½		3	3	3	3	18	19
4		4	1	4	2	18½	20
4½		4	3	5	0	19	20
5		5	1	5	2	19½	21
5½		5	3	6	0	20	21
6		6	2	6	3	20½	22
6½		7	0	7	1	21	22
7		7	2	7	3	21½	23
7½		8	0	8	1	22	23
8		8	2	9	0	22½	24
8½		9	0	9	2	23	24
9		9	3	10	0	23½	25
9½		10	1	10	2	24	26
10		10	3	11	1	24½	26
10½		11	1	11	3	25	27
11		11	3	12	1	25½	27
11½		12	1	12	3	26	28
12		13	0	13	2	26½	28
12½		13	2	14	0	27	29
13		14	0	14	2	27½	29
13½		14	2	15	0	28	30
14		15	0	15	3	28½	30
14½		15	2	16	1	29	31
15		16	1	16	3	29½	31

A Table of Superficial Measure. 143

Feet long.	Inches Broad				Feet long.	Inches Broad			
	13		13½			13		13½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	32	2	33	3	40½	43	3	45	2
30½	33	0	34	1	41	44	1	46	0
31	33	2	34	3	41½	44	3	46	2
31½	34	0	35	1	42	45	2	47	1
32	34	2	36	0	42½	46	0	47	3
32½	35	0	36	2	43	46	2	48	1
33	35	3	37	0	43½	47	0	48	3
33½	36	1	37	2	44	47	2	49	2
34	36	3	38	1	44½	48	0	50	0
34½	37	1	38	3	45	48	3	50	2
35	37	3	39	1	45½	49	1	51	0
35½	38	1	39	3	46	49	3	51	3
36	39	0	40	2	46½	50	1	52	1
36½	39	2	41	0	47	50	3	52	3
37	40	0	41	2	47½	51	1	53	1
37½	40	2	42	0	48	52	0	54	0
38	41	0	42	3	48½	52	2	54	2
38½	41	2	43	1	49	53	0	55	0
39	42	1	43	3	49½	53	2	55	2
39½	42	3	44	1	50	54	0	56	1
40	43	1	45	0					

144 A Table of Superficial Measure.

Feet long.	Inches Broad		Feet long.	Inches Broad	
	14	14½		14	14½
	F. Q.	F. Q.		F. Q.	F. Q.
1	1 0	1 0	15½	18 0	18 2
1½	1 3	1 3	16	18 2	19 1
2	2 1	2 1	16½	19 1	19 3
2½	2 3	3 0	17	19 3	20 2
3	3 2	3 2	17½	20 1	21 0
3½	4 0	4 0	18	21 0	21 3
4	4 2	4 3	18½	21 2	22 1
4½	5 1	5 1	19	22 0	22 3
5	5 3	6 0	19½	22 3	23 2
5½	6 1	6 2	20	23 1	24 0
6	7 0	7 1	20½	23 3	24 3
6½	7 2	7 3	21	24 2	25 1
7	8 0	8 1	21½	25 0	25 3
7½	8 3	9 0	22	25 2	26 2
8	9 1	9 2	22½	26 1	27 0
8½	9 3	10 1	23	26 3	27 3
9	10 2	10 3	23½	27 1	28 1
9½	11 0	11 1	24	28 0	29 0
10	11 2	12 0	24½	28 2	29 2
10½	12 1	12 2	25	29 0	30 0
11	12 3	13 1	25½	29 3	30 3
11½	13 1	13 3	26	30 1	31 1
12	14 0	14 2	26½	30 3	32 0
12½	14 2	15 0	27	31 2	32 2
13	15 0	15 2	27½	32 0	33 0
13½	15 3	16 1	28	32 2	33 3
14	16 1	16 3	28½	33 1	34 1
14½	16 3	17 2	29	33 3	35 0
15	17 2	18 0	29½	34 1	35 2

A Table of Superficial Measure. 145

Feet long.	Inches Broad				Feet long.	Inches Broad			
	14		14½			14		14½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	35	0	36	1	40½	47	1	48	3
30½	35	2	36	3	41	47	3	49	2
31	36	0	37	1	41½	48	1	50	0
31½	36	3	38	0	42	49	0	50	3
32	37	1	38	2	42½	49	2	51	1
32½	37	3	39	1	43	50	0	51	3
33	38	2	39	3	43½	50	3	52	2
33½	39	0	40	1	44	51	1	53	0
34	39	2	41	0	44½	51	3	53	3
34½	40	1	41	2	45	52	2	54	1
35	40	3	42	1	45½	53	0	54	3
35½	41	1	42	3	46	53	2	55	2
36	42	0	43	2	46½	54	1	56	0
36½	42	2	44	0	47	54	3	56	3
37	43	0	44	2	47½	55	1	57	1
37½	43	3	45	1	48	56	0	58	0
38	44	1	45	3	48½	56	2	58	2
38½	44	3	46	2	49	57	0	59	0
39	45	2	47	0	49½	57	3	59	3
39½	46	0	47	2	50	58	1	60	1
40	46	2	48	1					

146 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	15		15½			15		15½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	1	1	1	1	15½	19	1	20	0
1½	1	3	1	3	16	20	0	20	2
2	2	2	2	2	16½	20	2	21	1
2½	3	0	3	0	17	21	1	21	3
3	3	3	3	3	17½	21	3	22	2
3½	4	1	4	2	18	22	2	23	1
4	5	0	5	0	18½	23	0	23	3
4½	5	2	5	3	19	23	3	24	2
5	6	1	6	1	19½	24	1	25	0
5½	6	3	7	0	20	25	0	25	3
6	7	2	7	3	20½	25	2	26	1
6½	8	0	8	1	21	26	1	27	0
7	8	3	9	0	21½	26	3	27	3
7½	9	1	9	2	22	27	2	28	1
8	10	0	10	1	22½	28	0	29	0
8½	10	2	10	3	23	28	3	29	2
9	11	1	11	2	23½	29	1	30	1
9½	11	3	12	1	24	30	0	31	0
10	12	2	12	3	24½	30	2	31	2
10½	13	0	13	2	25	31	1	32	1
11	13	3	14	0	25½	31	3	32	3
11½	14	1	14	3	26	32	2	33	2
12	15	0	15	2	26½	33	0	34	0
12½	15	2	16	0	27	33	3	34	3
13	16	1	16	3	27½	34	1	35	2
13½	16	3	17	1	28	35	0	36	0
14	17	2	18	0	28½	35	2	36	3
14½	18	0	18	2	29	36	1	37	1
15	18	3	19	1	29½	36	3	38	0

A Table of Superficial Measure. 147

Feet Inches Broad				Feet Inches Broad			
long.	15	15 $\frac{1}{2}$		long.	15	15 $\frac{1}{2}$	
	F.	Q.	F. Q.		F.	Q.	F. Q.
30	37	2	38 3	40 $\frac{1}{2}$	50	2	52 1
30 $\frac{1}{2}$	38	0	39 1	41	51	1	52 3
31	38	3	40 0	41 $\frac{1}{2}$	51	3	53 2
31 $\frac{1}{2}$	39	1	40 2	42	52	2	54 1
32	40	0	41 1	42 $\frac{1}{2}$	53	0	54 3
32 $\frac{1}{2}$	40	2	41 3	43	53	3	55 2
33	41	1	42 2	43 $\frac{1}{2}$	54	1	56 0
33 $\frac{1}{2}$	41	3	43 1	44	55	0	56 3
34	42	2	43 3	44 $\frac{1}{2}$	55	2	57 1
34 $\frac{1}{2}$	43	0	44 2	45	56	1	58 0
35	43	3	45 0	45 $\frac{1}{2}$	56	3	58 3
35 $\frac{1}{2}$	44	1	45 3	46	57	2	59 1
36	45	0	46 2	46 $\frac{1}{2}$	58	0	60 0
36 $\frac{1}{2}$	45	2	47 0	47	58	3	60 2
37	46	1	47 3	47 $\frac{1}{2}$	59	1	61 1
37 $\frac{1}{2}$	46	3	48 1	48	60	0	62 0
38	47	2	49 0	48 $\frac{1}{2}$	60	2	62 2
38 $\frac{1}{2}$	48	0	49 2	49	61	1	63 1
39	48	3	50 1	49 $\frac{1}{2}$	61	3	63 3
39 $\frac{1}{2}$	49	1	51 0	50	62	2	64 2
40	50	0	51 2				

148 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	16		16½			16		16½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	1	1	1	1	15½	20	2	21	1
1½	2	0	2	0	16	21	1	22	0
2	2	2	2	3	16½	22	0	22	2
2½	3	1	3	1	17	22	2	23	1
3	4	0	4	0	17½	23	1	24	0
3½	4	2	4	3	18	24	0	24	3
4	5	1	5	2	18½	24	2	25	1
4½	6	0	6	0	19	25	1	26	0
5	6	2	6	3	19½	26	0	26	3
5½	7	1	7	2	20	26	2	27	2
6	8	0	8	1	20½	27	1	28	0
6½	8	2	8	3	21	28	0	28	3
7	9	1	9	2	21½	28	2	29	2
7½	10	0	10	1	22	29	1	30	1
8	10	2	11	0	22½	30	0	30	3
8½	11	1	11	2	23	30	2	31	2
9	12	0	12	1	23½	31	1	32	1
9½	12	2	13	0	24	32	0	33	0
10	13	1	13	3	24½	32	2	33	2
10½	14	0	14	1	25	33	1	34	1
11	14	2	15	0	25½	34	0	35	0
11½	15	1	15	3	26	34	2	35	3
12	16	0	16	2	26½	35	1	36	1
12½	16	2	17	0	27	36	0	37	0
13	17	1	17	3	27½	36	2	37	3
13½	18	0	18	2	28	37	1	38	2
14	18	2	19	1	28½	38	0	39	0
14½	19	1	19	3	29	38	2	39	3
15	20	0	20	2	29½	39	1	40	2

A Table of Superficial Measure. 149

Feet long	Inches Broad				Feet long.	Inches Broad			
	16		16½			16		16½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	40	0	41	1	40½	54	0	55	2
30½	40	2	41	3	41	54	2	56	1
31	41	1	42	2	41½	55	1	57	0
31½	42	0	43	1	42	56	0	57	3
32	42	2	44	0	42½	56	2	58	1
32½	43	1	44	2	43	57	1	59	0
33	44	0	45	1	43½	58	0	59	3
33½	44	2	46	0	44	58	2	60	2
34	45	1	46	3	44½	59	1	61	0
34½	46	0	47	1	45	60	0	61	3
35	46	2	48	0	45½	60	2	62	2
35½	47	1	48	3	46	61	1	63	1
36	48	0	49	2	46½	62	0	63	3
36½	48	2	50	0	47	62	2	64	2
37	49	1	50	3	47½	63	1	65	1
37½	50	0	51	2	48	64	0	66	0
38	50	2	52	1	48½	64	2	66	2
38½	51	1	52	3	49	65	1	67	1
39	52	0	53	2	49½	66	0	68	0
39½	52	2	54	1	50	66	2	68	3
40	53	1	55	0					

150 A Table of Superficial Measure.

Feet		Inches Broad				Feet		Inches Broad			
long.		17		17½		long		17		17½	
		F.	Q.	F.	Q.			F.	Q.	F.	Q.
1		1	1	1	1	15½	21	3	22	2	
1½		2	0	2	0	16	22	2	23	1	
2		2	3	2	3	16½	23	1	24	0	
2½		3	2	3	2	17	24	0	24	3	
3		4	1	4	1	17½	24	3	25	2	
3½		4	3	5	0	18	25	2	26	1	
4		5	2	5	3	18½	26	0	26	3	
4½		6	1	6	2	19	26	3	27	2	
5		7	0	7	1	19½	27	2	28	1	
5½		7	3	8	0	20	28	1	29	0	
6		8	2	8	3	20½	29	0	29	3	
6½		9	0	9	1	21	29	3	30	2	
7		9	3	10	0	21½	30	1	31	1	
7½		10	2	10	3	22	31	0	32	0	
8		11	1	11	2	22½	31	3	32	3	
8½		12	0	12	1	23	32	2	33	2	
9		12	3	13	0	23½	33	1	34	1	
9½		13	1	13	3	24	34	0	35	0	
10		14	0	14	2	24½	34	2	35	2	
10½		14	3	15	1	25	35	1	36	1	
11		15	2	16	0	25½	36	0	37	0	
11½		16	1	16	3	26	36	3	37	3	
12		17	0	17	2	26½	37	2	38	2	
12½		17	2	18	0	27	38	1	39	1	
13		18	1	18	3	27½	38	3	40	0	
13½		19	0	19	2	28	39	2	40	3	
14		19	3	20	1	28½	40	1	41	2	
14½		20	2	21	0	29	41	0	42	1	
15		21	1	21	3	29½	41	3	43	0	

A Table of Superficial Measure. 151

Feet long.	Inches Broad				Feet long.	Inches Broad			
	17		17½			17		17½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	42	2	43	3	4½	57	1	9	0
30½	43	0	44	1	41	58	0	59	3
31	43	3	45	0	41½	58	3	50	2
31½	44	2	45	3	42	59	2	51	1
32	45	1	46	2	42½	60	0	51	3
32½	46	0	47	1	43	60	3	52	2
33	46	3	48	0	43½	61	2	53	1
33½	47	1	48	3	44	62	1	54	0
34	48	0	49	2	44½	63	0	54	3
34½	48	3	50	1	45	63	3	55	2
35	49	2	51	0	45½	64	1	56	1
35½	50	1	51	3	46	65	0	57	0
36	51	0	52	2	46½	65	3	57	3
36½	51	2	53	0	47	66	2	58	2
37	52	1	53	3	47½	67	1	59	1
37½	53	0	54	2	48	68	0	70	0
38	53	3	55	1	48½	68	2	70	2
38½	54	2	56	0	49	69	1	71	1
39	55	1	56	3	49½	70	0	72	0
39½	55	3	57	2	50	70	3	72	3
40	56	2	58	1					

152 A Table of Superficial Measure.

Feet long	Inches Broad				Feet long	Inches Broad			
	18	18 $\frac{1}{2}$				18	18 $\frac{1}{2}$		
	Q	F.	Q.			F.	Q.	F.	Q.
1	1	2	1	2	15 $\frac{1}{2}$	23	1	23	3
1 $\frac{1}{2}$	2	1	2	1	16	24	0	24	2
2	3	0	3	0	16 $\frac{1}{2}$	24	3	25	1
2 $\frac{1}{2}$	3	3	3	3	17	25	2	26	0
3	4	2	4	2	17 $\frac{1}{2}$	26	1	26	3
3 $\frac{1}{2}$	5	1	5	1	18	27	0	27	3
4	6	0	6	0	18 $\frac{1}{2}$	27	3	28	2
4 $\frac{1}{2}$	6	3	6	3	19	28	2	29	1
5	7	2	7	2	19 $\frac{1}{2}$	29	1	30	0
5 $\frac{1}{2}$	8	1	8	1	20	30	0	30	3
6	9	0	9	1	20 $\frac{1}{2}$	30	3	31	2
6 $\frac{1}{2}$	9	3	10	0	21	31	2	32	1
7	10	2	10	3	21 $\frac{1}{2}$	32	1	33	0
7 $\frac{1}{2}$	11	1	11	2	22	33	0	33	3
8	12	0	12	1	22 $\frac{1}{2}$	33	3	34	2
8 $\frac{1}{2}$	12	3	13	0	23	34	2	35	1
9	13	2	13	3	23 $\frac{1}{2}$	35	1	36	0
9 $\frac{1}{2}$	14	1	14	2	24	36	0	37	0
10	15	0	15	1	24 $\frac{1}{2}$	36	3	37	3
10 $\frac{1}{2}$	15	3	16	0	25	37	2	38	2
11	16	2	16	3	25 $\frac{1}{2}$	38	1	39	1
11 $\frac{1}{2}$	17	1	17	2	26	39	0	40	0
12	18	0	18	2	26 $\frac{1}{2}$	39	3	40	3
12 $\frac{1}{2}$	18	3	19	1	27	40	2	41	2
13	19	2	20	0	27 $\frac{1}{2}$	41	1	42	1
13 $\frac{1}{2}$	20	1	21	3	28	42	0	43	0
14	21	0	21	2	28 $\frac{1}{2}$	42	3	43	3
14 $\frac{1}{2}$	1	3	22	1	29	43	2	44	2
15	2	2	23	0	29 $\frac{1}{2}$	44	1	45	1

A Table of Superficial Measure. 153

Feet long.	Inches Broad.				Feet long.	Inches Broad.			
	18		18½			18		18½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	45	0	46	1	40½	60	3	62	1
30½	45	3	47	0	41	61	2	63	0
31	46	2	47	3	41½	62	1	63	3
31½	47	1	48	2	42	63	0	64	3
32	48	0	49	1	42½	63	3	65	2
32½	48	3	50	0	43	64	2	66	1
33	49	2	50	3	43½	65	1	67	0
33½	50	1	51	2	44	66	0	67	3
34	51	0	52	1	44½	66	3	68	2
34½	51	3	53	0	45	67	2	69	1
35	52	2	53	3	45½	68	1	70	0
35½	53	1	54	2	46	69	0	70	3
36	54	0	55	2	46½	69	3	71	2
36½	54	3	56	1	47	70	2	72	1
37	55	2	57	0	47½	71	1	73	0
37½	56	1	57	3	48	72	0	74	0
38	57	0	58	2	48½	72	3	74	3
38½	57	3	59	1	49	73	2	75	2
39	58	2	60	0	49½	74	1	76	1
39½	59	1	60	3	50	75	0	77	0
40	60	0	61	2					

154 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	19		19½			19		19½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	1	2	1	2	15½	24	2	25	0
1½	2	1	2	1	16	25	1	26	0
2	3	0	3	1	16½	26	0	26	3
2½	3	3	4	0	17	26	3	27	2
3	4	3	4	3	17½	27	2	28	1
3½	5	2	5	2	18	28	2	29	1
4	6	1	6	2	18½	29	1	30	0
4½	7	0	7	1	19	30	0	30	3
5	7	3	8	0	19½	30	3	31	2
5½	8	2	8	3	20	31	2	32	2
6	9	2	9	3	20½	32	1	33	1
6½	10	1	10	2	21	33	1	34	0
7	11	0	11	1	21½	34	0	34	3
7½	11	3	12	0	22	34	3	35	3
8	12	2	13	0	22½	35	2	36	2
8½	13	1	13	3	23	36	1	37	1
9	14	1	14	2	23½	37	0	38	0
9½	15	0	15	1	24	38	0	39	0
10	15	3	16	1	24½	38	3	39	3
10½	16	2	17	0	25	39	2	40	2
11	17	1	17	3	25½	40	1	41	1
11½	18	0	18	2	26	41	0	42	1
12	19	0	19	2	26½	41	3	43	0
12½	19	3	20	1	27	42	3	43	3
13	20	2	21	0	27½	43	2	44	2
13½	21	1	21	3	28	44	1	45	2
14	22	0	22	3	28½	45	0	46	1
14½	22	3	23	2	29	46	3	47	0
15	23	3	24	1	29½	47	2	47	3

A Table of Superficial Measure. 155

Feet long.	Inches Broad				Feet long.	Inches Broad			
	19		19½			19		19½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	47	2	48	3	40½	54	0	65	3
30½	48	1	49	2	41	54	3	66	2
31	49	0	50	1	41½	55	2	67	1
31½	49	3	51	0	42	56	2	68	1
32	50	2	52	0	42½	57	1	69	0
32½	51	1	52	3	43	58	0	69	3
33	52	1	53	2	43½	68	3	70	2
33½	53	0	54	1	44	59	2	71	2
34	53	3	55	1	44½	70	1	72	1
34½	54	2	56	0	45	71	1	73	0
35	55	1	56	3	45½	72	0	73	3
35½	56	0	57	2	46	72	3	74	3
36	57	0	58	2	46½	73	2	75	2
36½	57	3	59	1	47	74	1	76	1
37	58	2	60	0	47½	75	0	77	0
37½	59	1	60	3	48	76	0	78	0
38	60	0	61	3	48½	76	3	78	3
38½	60	3	62	2	49	77	2	79	2
39	61	3	63	1	49½	78	1	80	1
39½	62	2	64	0	50	79	0	81	1
40	63	1	65	0					

156 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long	Inches Broad			
	20		20½			20		20½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	1	2	1	2	15½	25	3	26	1
1½	2	2	2	2	16	26	2	27	1
2	3	1	3	1	16½	27	2	28	0
2½	4	0	4	1	17	28	1	29	0
3	5	0	5	0	17½	29	0	29	3
3½	5	3	5	3	18	30	0	30	3
4	6	2	6	3	18½	30	3	31	2
4½	7	2	7	2	19	31	2	32	1
5	8	1	8	2	19½	32	2	33	1
5½	9	0	9	1	20	33	1	34	0
6	10	0	10	1	20½	34	0	35	0
6½	10	3	11	0	21	35	0	35	3
7	11	2	11	3	21½	35	3	36	2
7½	12	2	12	3	22	36	2	37	2
8	13	1	13	2	22½	37	2	38	1
8½	14	0	14	2	23	38	1	39	1
9	15	0	15	1	23½	39	0	40	0
9½	15	3	16	0	24	40	0	41	0
10	16	2	17	0	24½	40	3	41	3
10½	17	2	17	3	25	41	2	42	2
11	18	1	18	3	25½	42	2	43	2
11½	19	0	19	2	26	43	1	44	1
12	20	0	20	2	26½	44	0	45	1
12½	20	3	21	1	27	45	0	45	0
13	21	2	22	0	27½	45	3	46	3
13½	22	2	23	0	28	46	2	47	3
14	23	1	23	3	28½	47	2	48	2
14½	24	0	24	3	29	48	1	49	2
15	25	0	25	2	29½	49	0	50	1

A Table of Superficial Measure. 157

Feet long.	Inches Broad				Feet long.	Inches Broad			
	20		20 $\frac{1}{2}$			20		20 $\frac{1}{2}$	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	50	0	51	1	40 $\frac{1}{2}$	67	2	69	0
30 $\frac{1}{2}$	50	3	52	0	41	68	1	70	0
31	51	2	52	3	41 $\frac{1}{2}$	69	0	70	3
31 $\frac{1}{2}$	52	2	53	3	42	70	0	71	3
32	53	1	54	2	42 $\frac{1}{2}$	70	3	72	2
32 $\frac{1}{2}$	54	0	55	2	43	71	2	73	1
33	55	0	56	1	43 $\frac{1}{2}$	72	2	74	1
33 $\frac{1}{2}$	55	3	57	0	44	73	1	75	0
34	56	2	58	0	44 $\frac{1}{2}$	74	0	76	0
34 $\frac{1}{2}$	57	2	58	3	45	75	0	76	3
35	58	1	59	3	45 $\frac{1}{2}$	75	3	77	2
35 $\frac{1}{2}$	59	0	60	2	46	76	2	78	2
36	60	0	61	2	46 $\frac{1}{2}$	77	2	79	1
36 $\frac{1}{2}$	60	3	62	1	47	78	1	80	1
37	61	2	63	0	47 $\frac{1}{2}$	79	0	81	0
37 $\frac{1}{2}$	62	2	64	0	48	80	0	82	0
38	63	1	64	3	48 $\frac{1}{2}$	80	3	82	3
38 $\frac{1}{2}$	64	0	65	3	49	81	2	83	2
39	65	0	66	2	49 $\frac{1}{2}$	82	2	84	2
39 $\frac{1}{2}$	65	3	67	1	50	83	1	85	1
40	66	2	68	1					

158 A Table of Superficial Measure.

Feet		Inches Broad		Feet		Inches Broad	
long.		21	21½	long.		21	21½
		F. Q.	F. Q.			F. Q.	F. Q.
1	1	3	1 3	15½	27	0 27	3
1½	2	2	2 2	16	28	0 28	2
2	3	2	3 2	16½	28	3 29	2
2½	4	1	4 1	17	29	3 30	1
3	5	1	5 1	17½	30	2 31	1
3½	6	0	6 1	18	31	2 32	1
4	7	0	7 0	18½	32	1 33	0
4½	7	3	8 0	19	33	1 34	0
5	8	3	8 3	19½	34	0 34	3
5½	9	2	9 3	20	35	0 35	3
6	10	2	10 3	20½	35	3 36	2
6½	11	1	11 2	21	36	3 37	2
7	12	1	12 2	21½	37	2 38	2
7½	13	0	13 1	22	38	2 39	1
8	14	0	14 1	22½	39	1 40	1
8½	14	3	15 0	23	40	1 41	0
9	15	3	15 0	23½	41	0 42	0
9½	16	2	17 0	24	42	0 43	0
10	17	2	17 3	24½	42	3 43	3
10½	18	1	18 3	25	43	3 44	3
11	19	1	19 2	25½	44	2 45	2
11½	20	0	20 2	26	45	2 46	2
12	21	0	21 2	26½	46	1 47	1
12½	21	3	22 1	27	47	1 48	1
13	22	3	23 1	27½	48	0 49	1
13½	23	2	24 0	28	49	0 50	0
14	24	2	25 0	28½	49	3 51	0
14½	25	1	25 3	29	50	3 51	3
15	26	1	26 3	29½	51	2 52	3

A Table of Superficial Measure. 159

Feet long.	Inches Broad				Feet long.	Inches Broad			
	21		21½			21		21½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	52	2	53	3	40½	70	3	72	2
30½	53	1	54	2	41	71	3	73	1
31	54	1	55	2	41½	72	2	74	1
31½	55	0	56	1	42	73	2	75	1
32	56	0	57	1	42½	74	1	76	0
32½	56	3	58	0	43	75	1	77	0
33	57	3	59	0	43½	76	0	77	3
33½	58	2	60	0	44	77	0	78	3
34	59	2	60	3	44½	77	3	79	2
34½	60	1	61	3	45	78	3	80	2
35	61	1	62	2	45½	79	2	81	2
35½	62	0	63	2	46	80	2	82	1
36	63	0	64	2	46½	81	1	83	1
36½	63	3	65	1	47	82	1	84	0
37	64	3	66	1	47½	83	0	85	0
37½	65	2	67	0	48	84	0	86	0
38	66	2	68	0	48½	84	3	86	3
38½	67	1	68	3	49	85	3	87	3
39	68	1	69	3	49½	86	2	88	2
39½	69	0	70	3	50	87	2	89	2
40	70	0	71	2					

160 A Table of Superficial Measure.

Feet Inches Broad				Feet Inches Broad			
long.	22	22 $\frac{1}{2}$		long.	22	22 $\frac{1}{2}$	
	F. Q.	F. Q.			F. Q.	F. Q.	
1	1 3	1 3		15 $\frac{1}{2}$	28 1	29 0	
1 $\frac{1}{2}$	2 3	2 3		16	29 1	30 0	
2	3 2	3 3		16 $\frac{1}{2}$	30 1	30 3	
2 $\frac{1}{2}$	4 2	4 2		17	31 0	31 3	
3	5 2	5 2		17 $\frac{1}{2}$	32 0	32 3	
3 $\frac{1}{2}$	6 1	6 2		18	33 0	33 3	
4	7 1	7 2		18 $\frac{1}{2}$	33 3	34 2	
4 $\frac{1}{2}$	8 1	8 1		19	34 3	35 2	
5	9 0	9 1		19 $\frac{1}{2}$	35 3	36 2	
5 $\frac{1}{2}$	10 0	10 1		20	36 2	37 2	
6	11 0	11 1		20 $\frac{1}{2}$	37 2	38 1	
6 $\frac{1}{2}$	11 3	12 0		21	38 2	39 1	
7	12 3	13 0		21 $\frac{1}{2}$	39 1	40 1	
7 $\frac{1}{2}$	13 3	14 0		22	40 1	41 1	
8	14 2	15 0		22 $\frac{1}{2}$	41 1	42 0	
8 $\frac{1}{2}$	15 2	15 3		23	42 0	43 0	
9	16 2	16 3		23 $\frac{1}{2}$	43 0	44 0	
9 $\frac{1}{2}$	17 1	17 3		24	44 0	45 0	
10	18 1	18 3		24 $\frac{1}{2}$	44 3	45 3	
10 $\frac{1}{2}$	19 1	19 2		25	45 3	46 3	
11	20 0	20 2		25 $\frac{1}{2}$	46 3	47 3	
11 $\frac{1}{2}$	21 0	21 2		26	47 2	48 3	
12	22 0	22 2		26 $\frac{1}{2}$	48 2	49 2	
12 $\frac{1}{2}$	22 3	23 1		27	49 2	50 2	
13	23 3	24 1		27 $\frac{1}{2}$	50 1	51 2	
13 $\frac{1}{2}$	24 3	25 1		28	51 1	52 2	
14	25 2	26 1		28 $\frac{1}{2}$	52 1	53 1	
14 $\frac{1}{2}$	26 2	27 0		29	53 0	54 1	
15	27 2	28 0		29 $\frac{1}{2}$	54 0	55 1	

A Table of Superficial Measure. 161

Feet long	Inches Broad				Feet long	Inches Broad			
	22	22 $\frac{1}{2}$				22	22 $\frac{1}{2}$		
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	55	0	56	1	40 $\frac{1}{2}$	74	1	75	3
30 $\frac{1}{2}$	55	3	57	0	41	75	0	76	3
31	56	3	58	0	41 $\frac{1}{2}$	76	0	77	3
31 $\frac{1}{2}$	57	3	59	0	42	77	0	78	3
32	58	2	60	0	42 $\frac{1}{2}$	77	3	79	2
32 $\frac{1}{2}$	59	2	60	3	43	78	3	80	2
33	60	2	61	3	43 $\frac{1}{2}$	79	3	81	2
33 $\frac{1}{2}$	61	1	62	3	44	80	2	82	2
34	62	1	63	3	44 $\frac{1}{2}$	81	2	83	1
34 $\frac{1}{2}$	63	1	64	2	45	82	2	84	1
35	64	0	65	2	45 $\frac{1}{2}$	83	1	85	1
35 $\frac{1}{2}$	65	0	66	2	46	84	1	86	1
36	66	0	67	2	46 $\frac{1}{2}$	85	1	87	0
36 $\frac{1}{2}$	66	3	68	1	47	86	0	88	0
37	67	3	69	1	47 $\frac{1}{2}$	87	0	89	0
37 $\frac{1}{2}$	68	3	70	1	48	88	0	90	0
38	69	2	71	1	48 $\frac{1}{2}$	88	3	90	3
38 $\frac{1}{2}$	70	2	72	0	49	89	3	91	3
39	71	2	73	0	49 $\frac{1}{2}$	90	3	92	3
39 $\frac{1}{2}$	72	1	74	0	50	91	2	93	3
40	73	1	75	0					

162 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	23		$23\frac{1}{2}$			23		$23\frac{1}{2}$	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	1	3	1	3	$15\frac{1}{2}$	29	2	30	1
$1\frac{1}{2}$	2	3	2	3	16	30	2	31	1
2	3	3	3	3	$16\frac{1}{2}$	31	2	32	1
$2\frac{1}{2}$	4	3	4	3	17	32	2	33	1
3	5	3	5	3	$17\frac{1}{2}$	33	2	34	1
$3\frac{1}{2}$	6	2	6	3	18	34	2	35	1
4	7	2	7	3	$18\frac{1}{2}$	35	1	36	0
$4\frac{1}{2}$	8	2	8	3	19	36	1	37	0
5	9	2	9	3	$19\frac{1}{2}$	37	1	38	0
$5\frac{1}{2}$	10	2	10	3	20	38	1	39	0
6	11	2	11	3	$20\frac{1}{2}$	39	1	40	0
$6\frac{1}{2}$	12	1	12	2	21	40	1	41	0
7	13	1	13	2	$21\frac{1}{2}$	41	0	42	0
$7\frac{1}{2}$	14	1	14	2	22	42	0	43	0
8	15	1	15	2	$22\frac{1}{2}$	43	0	44	0
$8\frac{1}{2}$	16	1	16	2	23	44	0	45	0
9	17	1	17	2	$23\frac{1}{2}$	45	0	46	0
$9\frac{1}{2}$	18	0	18	2	24	46	0	47	0
10	19	0	19	2	$24\frac{1}{2}$	46	3	47	3
$10\frac{1}{2}$	20	0	20	2	25	47	3	48	3
11	21	0	21	2	$25\frac{1}{2}$	48	3	49	3
$11\frac{1}{2}$	22	0	22	2	26	49	3	50	3
12	23	0	23	2	$26\frac{1}{2}$	50	3	51	3
$12\frac{1}{2}$	23	3	24	1	27	51	3	52	3
13	24	3	25	1	$27\frac{1}{2}$	52	2	53	3
$13\frac{1}{2}$	25	3	26	1	28	53	2	54	3
14	26	3	27	1	$28\frac{1}{2}$	54	2	55	3
$14\frac{1}{2}$	27	3	28	1	29	55	2	56	3
15	28	3	29	1	$29\frac{1}{2}$	56	2	57	3

A Table of Superficial Measure. 163

Feet long.	Inches Broad			Feet long.	Inches Broad		
	23	$23\frac{1}{2}$			23	$23\frac{1}{2}$	
	F. Q.	F. Q.			F. Q.	F. Q.	
30	57	258	3	$40\frac{1}{2}$	77	279	1
$30\frac{1}{2}$	58	159	2	41	78	280	1
31	59	160	2	$41\frac{1}{2}$	9	281	1
$31\frac{1}{2}$	60	161	2	42	0	282	1
32	61	162	2	$42\frac{1}{2}$	31	183	0
$32\frac{1}{2}$	62	163	2	43	32	184	0
33	63	164	2	$43\frac{1}{2}$	33	185	0
$33\frac{1}{2}$	64	065	2	44	34	186	0
34	65	066	2	$44\frac{1}{2}$	35	187	0
$34\frac{1}{2}$	66	067	2	45	36	188	0
35	67	068	2	$45\frac{1}{2}$	37	089	0
$35\frac{1}{2}$	68	069	2	46	38	090	0
36	69	070	2	$46\frac{1}{2}$	39	091	0
$36\frac{1}{2}$	69	371	1	47	90	092	0
37	70	372	1	$47\frac{1}{2}$	91	093	0
$37\frac{1}{2}$	71	373	1	48	92	094	0
38	72	374	1	$48\frac{1}{2}$	92	394	3
$38\frac{1}{2}$	73	375	1	49	93	395	3
39	74	376	1	$49\frac{1}{2}$	94	396	3
$39\frac{1}{2}$	75	277	1	50	95	397	3
40	76	278	1				

164 A Table of Superficial Measure.

Feet long	Inches Broad				Feet long	Inches Broad			
	24		24½			24		24½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	2	0	2	0	15½	31	0	31	2
1½	3	0	3	0	16	32	0	32	2
2	4	0	4	0	16½	33	0	33	2
2½	5	0	5	0	17	34	0	34	2
3	6	0	6	0	17½	35	0	35	2
3½	7	0	7	0	18	36	0	36	3
4	8	0	8	0	18½	37	0	37	3
4½	9	0	9	0	19	38	0	38	3
5	10	0	10	0	19½	39	0	39	3
5½	11	0	11	0	20	40	0	40	3
6	12	0	12	1	20½	41	0	41	3
6½	13	0	13	1	21	42	0	42	3
7	14	0	14	1	21½	43	0	43	3
7½	15	0	15	1	22	44	0	44	3
8	16	0	16	1	22½	45	0	45	3
8½	17	0	17	1	23	46	0	46	3
9	18	0	18	1	23½	47	0	47	3
9½	19	0	19	1	24	48	0	49	0
10	20	0	20	1	24½	49	0	50	0
10½	21	0	21	1	25	50	0	51	0
11	22	0	22	1	25½	51	0	52	0
11½	23	0	23	1	26	52	0	53	0
12	24	0	24	2	26½	53	0	54	0
12½	25	0	25	2	27	54	0	55	0
13	26	0	26	2	27½	55	0	56	0
13½	27	0	27	2	28	56	0	57	0
14	28	0	28	2	28½	57	0	58	0
14½	29	0	29	2	29	58	0	59	0
15	30	0	30	2	29½	59	0	60	0

A Table of Superficial Measure. 165

Feet long.	Inches Broad				Feet long.	Inches Broad			
	24		24½			24		24½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
30	60	061	1		40½	81	082	2	
30½	61	062	1		41	82	083	2	
31	62	063	1		41½	83	084	2	
31½	63	064	1		42	84	085	3	
32	64	065	1		42½	85	086	3	
32½	65	066	1		43	86	087	3	
33	66	067	1		43½	87	088	3	
33½	67	068	1		44	88	089	3	
34	68	069	1		44½	89	090	3	
34½	69	070	1		45	90	091	3	
35	70	071	1		45½	91	092	3	
35½	71	072	1		46	92	093	3	
36	72	073	2		46½	93	094	3	
36½	73	074	2		47	94	095	3	
37	74	075	2		47½	95	096	3	
37½	75	076	2		48	96	098	0	
38	76	077	2		48½	97	099	0	
38½	77	078	2		49	98	100	0	
39	78	079	2		49½	99	101	0	
39½	79	080	2		50	100	102	0	
40	80	081	2						

166 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	25		25½			25		25½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	2	0	2	0	15½	32	1	32	3
1½	3	0	3	0	16	33	1	34	0
2	4	0	4	1	16½	34	1	35	0
2½	5	0	5	1	17	35	1	36	0
3	6	1	6	1	17½	36	1	37	0
3½	7	1	7	1	18	37	2	38	1
4	8	1	8	2	18½	38	2	39	1
4½	9	1	9	2	19	39	2	40	1
5	10	1	10	2	19½	40	2	41	1
5½	11	1	11	2	20	41	2	42	2
6	12	2	12	3	20½	42	2	43	2
6½	13	2	13	3	21	43	3	44	2
7	14	2	14	3	21½	44	3	45	2
7½	15	2	15	3	22	45	3	46	3
8	16	2	17	0	22½	46	3	47	3
8½	17	2	18	0	23	47	3	48	3
9	18	3	19	0	23½	48	3	49	3
9½	19	3	20	0	24	50	0	51	0
10	20	3	21	1	24½	51	0	52	0
10½	21	3	22	1	25	52	0	53	0
11	22	3	23	1	25½	53	0	54	0
11½	23	3	24	1	26	54	0	55	1
12	25	0	25	2	26½	55	0	56	1
12½	26	0	26	2	27	56	1	57	1
13	27	0	27	2	27½	57	1	58	1
13½	28	0	28	2	28	58	1	59	2
14	29	0	29	3	28½	59	1	60	2
14½	30	0	30	3	29	60	1	61	2
15	31	1	31	3	29½	61	1	62	2

A Table of Superficial Measure. 167

Feet long.	Inches Broad			
	25		25½	
	F.	Q.	F.	Q.
30	62	263	3	
30½	63	264	3	
31	64	265	3	
31½	65	266	3	
32	66	268	0	
32½	67	269	0	
33	68	370	0	
33½	69	371	0	
34	70	372	1	
34½	71	373	1	
35	72	374	1	
35½	73	375	1	
36	75	076	2	
36½	76	077	2	
37	77	078	2	
37½	78	079	2	
38	79	080	3	
38½	80	081	3	
39	81	182	3	
39½	82	183	3	
40	83	185	0	

168 A Table of Superficial Measure.

Feet long.	Inches Broad		Feet long.	Inches Broad	
	26	26 $\frac{1}{2}$		26	26 $\frac{1}{2}$
	F. Q.	F. Q.		F. Q.	F. Q.
1	2 0	2 0	15 $\frac{1}{2}$	33 2	34 0
1 $\frac{1}{2}$	3 1	3 1	16	34 2	35 1
2	4 1	4 1	16 $\frac{1}{2}$	35 3	36 1
2 $\frac{1}{2}$	5 1	5 2	17	36 3	37 2
3	6 2	6 2	17 $\frac{1}{2}$	37 3	38 2
3 $\frac{1}{2}$	7 2	7 2	18	39 0	39 3
4	8 2	8 3	18 $\frac{1}{2}$	40 0	40 3
4 $\frac{1}{2}$	9 3	9 3	19	41 0	41 3
5	10 3	11 0	19 $\frac{1}{2}$	42 1	43 0
5 $\frac{1}{2}$	11 3	12 0	20	43 1	44 0
6	13 0	13 1	20 $\frac{1}{2}$	44 1	45 1
6 $\frac{1}{2}$	14 0	14 1	21	45 2	46 1
7	15 0	15 1	21 $\frac{1}{2}$	46 2	47 1
7 $\frac{1}{2}$	16 1	16 2	22	47 2	48 2
8	17 1	17 2	22 $\frac{1}{2}$	48 3	49 2
8 $\frac{1}{2}$	18 1	18 3	23	49 3	50 3
9	19 2	19 3	23 $\frac{1}{2}$	50 3	51 3
9 $\frac{1}{2}$	20 2	20 3	24	52 0	53 0
10	21 2	22 0	24 $\frac{1}{2}$	53 0	54 0
10 $\frac{1}{2}$	22 3	23 0	25	54 0	55 0
11	23 3	24 1	25 $\frac{1}{2}$	55 1	56 1
11 $\frac{1}{2}$	24 3	25 1	26	56 1	57 1
12	26 0	26 2	26 $\frac{1}{2}$	57 1	58 2
12 $\frac{1}{2}$	27 0	27 2	27	58 2	59 2
13	28 0	28 2	27 $\frac{1}{2}$	59 2	60 2
13 $\frac{1}{2}$	29 1	29 3	28	60 2	61 3
14	30 1	30 3	28 $\frac{1}{2}$	61 3	62 3
14 $\frac{1}{2}$	31 1	32 0	29	62 3	64 0
15	32 2	33 0	29 $\frac{1}{2}$	63 3	65 0

A Table of Superficial Measure. 169

Feet long.	Inches Broad			
	26		$26\frac{1}{2}$	
	F.	Q.	F.	Q.
30	65	066	1	
$30\frac{1}{2}$	66	067	1	
31	67	068	1	
$31\frac{1}{2}$	68	169	2	
32	69	170	2	
$32\frac{1}{2}$	70	171	3	
33	71	272	3	
$33\frac{1}{2}$	72	273	3	
34	73	275	0	
$34\frac{1}{2}$	74	376	0	
35	75	377	1	
$35\frac{1}{2}$	76	378	1	
36	78	079	2	
$36\frac{1}{2}$	79	080	2	
37	80	081	2	
$37\frac{1}{2}$	81	182	3	
38	82	183	3	
$38\frac{1}{2}$	83	185	0	
39	84	286	0	
$39\frac{1}{2}$	85	287	0	
40	86	288	1	

170 A Table of Superficial Measure.

Feet		Inches Broad				Feet		Inches Broad			
long		27		27½		long.		27		27½	
		F.	Q.	F.	Q.			F.	Q.	F.	Q.
1		2	1	2	1	15½	34	3	35	2	
1½		3	1	3	1	16	36	0	36	2	
2		4	2	4	2	16½	37	0	37	3	
2½		5	2	5	2	17	38	1	38	3	
3		6	3	6	3	17½	39	1	40	0	
3½		7	3	8	0	18	40	2	41	1	
4		9	0	9	0	18½	41	2	42	1	
4½		10	0	10	1	19	42	3	43	2	
5		11	1	11	1	19½	43	3	44	2	
5½		12	1	12	2	20	45	0	45	3	
6		13	2	13	3	20½	46	0	46	3	
6½		14	2	14	3	21	47	1	48	0	
7		15	3	16	0	21½	48	1	49	1	
7½		16	3	17	0	22	49	2	50	1	
8		18	0	18	1	22½	50	2	51	2	
8½		19	0	19	1	23	51	3	52	2	
9		20	1	20	2	23½	52	3	53	3	
9½		21	1	21	3	24	54	0	55	0	
10		22	2	22	3	24½	55	0	56	0	
10½		23	2	24	0	25	56	1	57	1	
11		24	3	25	0	25½	57	1	58	1	
11½		25	3	26	1	26	58	2	59	2	
12		27	0	27	2	26½	59	2	60	2	
12½		28	0	28	2	27	60	3	61	3	
13		29	1	29	3	27½	61	3	63	0	
13½		30	1	30	3	28	63	0	64	0	
14		31	2	32	0	28½	64	0	65	1	
14½		32	2	33	0	29	65	1	66	1	
15		33	3	34	1	29½	66	1	67	2	

A Table of Superficial Measure. 171

Feet long.	Inches Broad			
	27		27 $\frac{1}{2}$	
	F.	Q.	F.	Q.
30	67	268	3	
30 $\frac{1}{2}$	68	269	3	
31	69	371	0	
31 $\frac{1}{2}$	70	372	0	
32	72	073	1	
32 $\frac{1}{2}$	73	074	1	
33	74	175	2	
33 $\frac{1}{2}$	75	176	3	
34	76	277	3	
34 $\frac{1}{2}$	77	279	0	
35	78	380	0	
35 $\frac{1}{2}$	79	381	1	
36	81	082	2	
36 $\frac{1}{2}$	82	083	2	
37	83	184	3	
37 $\frac{1}{2}$	84	185	3	
38	85	287	0	
38 $\frac{1}{2}$	86	288	0	
39	87	389	1	
39 $\frac{1}{2}$	88	390	2	
40	90	091	2	

172 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long	Inches Broad			
	28		28½			28		28½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	2	1	2	1	15½	36	0	36	3
1½	3	2	3	2	16	37	1	38	0
2	4	2	4	3	16½	38	2	39	0
2½	5	3	5	3	17	39	2	40	1
3	7	0	7	0	17½	40	3	41	2
3½	8	0	8	1	18	42	0	42	3
4	9	1	9	2	18½	43	0	43	3
4½	10	2	10	2	19	44	1	45	0
5	11	2	11	3	19½	45	2	46	1
5½	12	3	13	0	20	46	2	47	2
6	14	0	14	1	20½	47	3	48	2
6½	15	0	15	1	21	49	0	49	3
7	16	1	16	2	21½	50	0	51	0
7½	17	2	17	3	22	51	1	52	1
8	18	2	19	0	22½	52	2	53	1
8½	19	3	20	0	23	53	2	54	2
9	21	0	21	1	23½	54	3	55	3
9½	22	0	22	2	24	56	0	57	0
10	23	1	23	3	24½	57	0	58	0
10½	24	2	24	3	25	58	1	59	1
11	25	2	26	0	25½	59	2	60	2
11½	26	3	27	1	26	60	2	61	3
12	28	0	28	2	26½	61	3	62	3
12½	29	0	29	2	27	63	0	64	0
13	30	1	30	3	27½	64	0	65	1
13½	31	2	32	0	28	65	1	66	2
14	32	2	33	1	28½	66	2	67	2
14½	33	3	34	1	29	67	2	68	3
15	35	0	35	2	29½	68	3	70	0

A Table of Superficial Measure. 173

Feet long.	Inches Broad			
	28		$28\frac{1}{2}$	
	F.	Q.	F.	Q.
30	70	071	1	
$30\frac{1}{2}$	71	072	1	
31	72	173	2	
$31\frac{1}{2}$	73	274	3	
32	74	276	0	
$32\frac{1}{2}$	75	377	0	
33	77	078	1	
$33\frac{1}{2}$	78	079	2	
34	79	180	3	
$34\frac{1}{2}$	80	281	3	
35	81	283	0	
$35\frac{1}{2}$	82	384	1	
36	84	085	2	
$36\frac{1}{2}$	85	086	2	
37	86	187	3	
$37\frac{1}{2}$	87	289	0	
38	88	290	1	
$38\frac{1}{2}$	89	391	1	
39	91	092	2	
$39\frac{1}{2}$	92	093	3	
40	93	195	0	

174 A Table of Superficial Measure.

Feet long.	Inches Broad				Feet long.	Inches Broad			
	29		29½			29		29½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	2	1	2	1	15½	37	1	38	0
1½	3	2	3	2	16	38	2	39	1
2	4	3	4	3	16½	39	3	40	2
2½	6	0	6	0	17	41	0	41	3
3	7	1	7	1	17½	42	1	43	0
3½	8	1	8	2	18	43	2	44	1
4	9	2	9	3	18½	44	2	45	1
4½	10	3	11	0	19	45	3	46	2
5	12	0	12	1	19½	47	0	47	3
5½	13	1	13	2	20	48	1	49	0
6	14	2	14	3	20½	49	2	50	1
6½	15	2	15	3	21	50	3	51	2
7	16	3	17	0	21½	51	3	52	3
7½	18	0	18	1	22	53	0	54	0
8	19	1	19	2	22½	54	1	55	1
8½	20	2	20	3	23	55	2	56	2
9	21	3	22	0	23½	56	3	57	3
9½	22	3	23	1	24	58	0	59	0
10	24	0	24	2	24½	59	0	60	0
10½	25	1	25	3	25	60	1	61	1
11	26	2	27	0	25½	61	2	62	2
11½	27	3	28	1	26	62	3	63	3
12	29	0	29	2	26½	64	0	65	0
12½	30	0	30	2	27	65	1	66	1
13	31	1	31	3	27½	66	1	67	2
13½	32	2	33	0	28	67	2	68	3
14	33	3	34	1	28½	68	3	70	0
14½	35	0	35	2	29	70	0	71	1
15	36	1	36	3	29½	71	1	72	1

A Table of Superficial Measure. 175

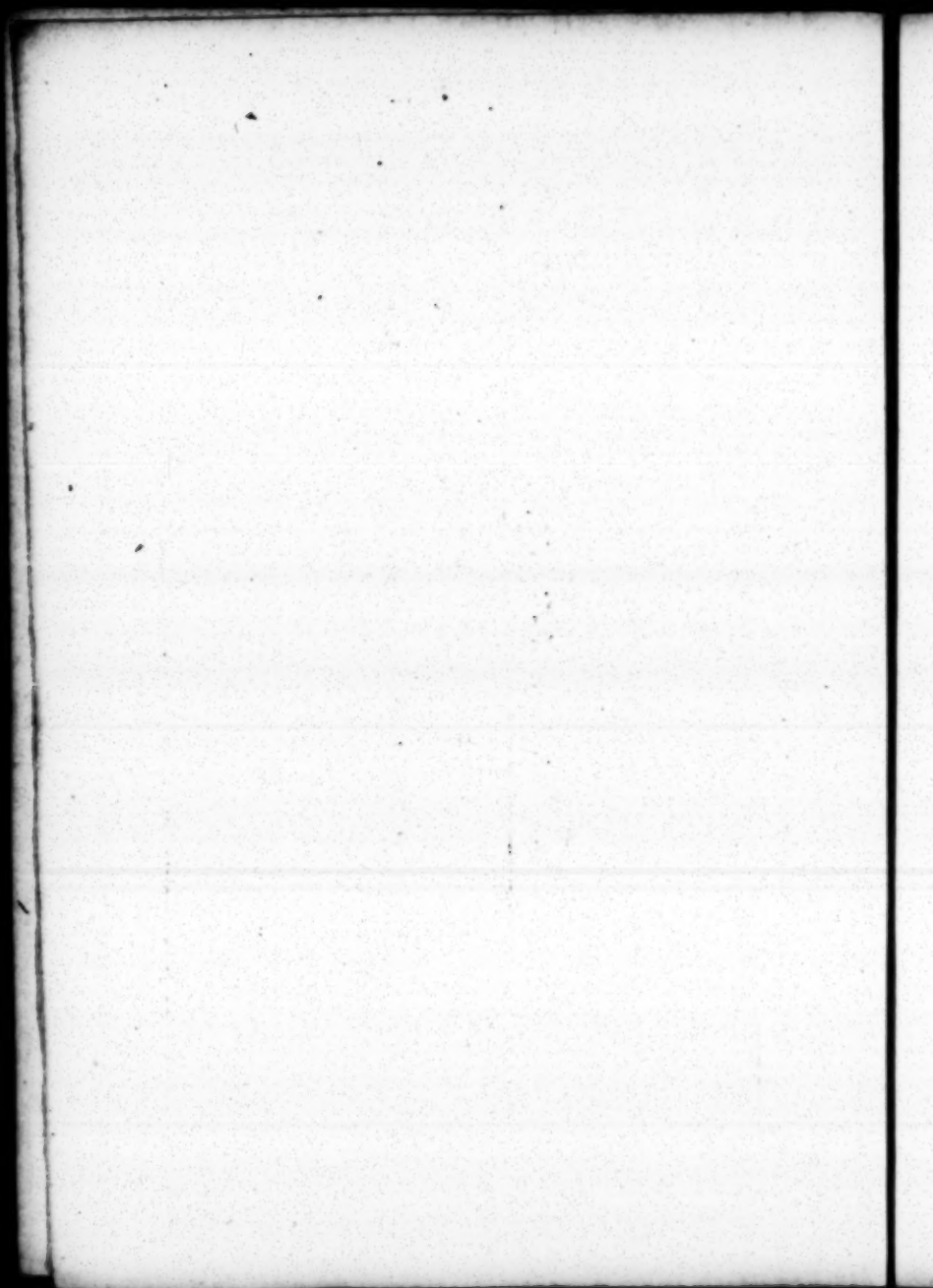
Feet long	Inches Broad			
	29	29½		
	F.	Q.	F.	Q.
30	72	273	3	
30½	73	274	3	
31	74	376	0	
31½	76	077	1	
32	77	178	2	
32½	78	279	3	
33	79	381	0	
33½	80	382	1	
34	82	083	2	
34½	83	184	3	
35	84	286	0	
35½	85	387	0	
36	87	088	2	
36½	88	089	2	
37	89	190	3	
37½	90	292	0	
38	91	393	1	
38½	93	094	2	
39	94	195	3	
39½	95	197	0	
40	96	298	1	

176 A Table of Superficial Measure.

Feet Inches Broad			Feet Inches Broad		
long.	30		long.	30	
	F.	Q.		F.	Q.
1	2	2	15 $\frac{1}{2}$	38	3
1 $\frac{1}{2}$	3	3	16	40	0
2	5	0	16 $\frac{1}{2}$	41	1
2 $\frac{1}{2}$	6	1	17	42	2
3	7	2	17 $\frac{1}{2}$	43	3
3 $\frac{1}{2}$	8	3	18	45	0
4	10	0	18 $\frac{1}{2}$	46	1
4 $\frac{1}{2}$	11	1	19	47	2
5	12	2	19 $\frac{1}{2}$	48	3
5 $\frac{1}{2}$	13	3	20	50	0
6	15	0	20 $\frac{1}{2}$	51	1
6 $\frac{1}{2}$	16	1	21	52	2
7	17	2	21 $\frac{1}{2}$	53	3
7 $\frac{1}{2}$	18	3	22	55	0
8	20	0	22 $\frac{1}{2}$	56	1
8 $\frac{1}{2}$	21	1	23	57	2
9	22	2	23 $\frac{1}{2}$	58	3
9 $\frac{1}{2}$	23	3	24	60	0
10	25	0	24 $\frac{1}{2}$	61	1
10 $\frac{1}{2}$	26	1	25	62	2
11	27	2	25 $\frac{1}{2}$	63	3
11 $\frac{1}{2}$	28	3	26	65	0
12	30	0	26 $\frac{1}{2}$	66	1
12 $\frac{1}{2}$	31	1	27	67	2
13	32	2	27 $\frac{1}{2}$	68	3
13 $\frac{1}{2}$	33	3	28	70	0
14	35	0	28 $\frac{1}{2}$	71	1
14 $\frac{1}{2}$	36	1	29	72	2
15	37	2	29 $\frac{1}{2}$	73	3

A Table of Superficial Measure. 177

Feet long.	Inches Broad	
	30	
	F.	Q.
30	75	0
30½	76	1
31	77	2
31½	78	3
32	80	0
32½	81	1
33	82	2
33½	83	3
34	85	0
34½	86	1
35	87	2
35½	88	3
36	90	0
36½	91	1
37	92	2
37½	93	3
38	95	0
38½	96	1
39	97	2
39½	98	3
40	100	0



PRACTICAL EXAMPLES,

With the prices of the several Artificer's work, relating to Building.

CARPENTER'S WORK.

Roofing and flooring are measured by the square of 10 feet each way, 100 feet making one square.

EXAMPLE. A piece of work 96 feet 3 inches long, by 21 feet 3 inches broad, how many squares doth it contain.

RULE. Multiply length by breadth in feet and inches, and that product divided by 100, gives the content in squares.

Operation.	F.	In.
	96	3 length.
	21	3 breadth.

	96	
	1925	3
	24	0 9
	<hr/>	
	1,00	20 45 3 9

Ans. 20 squ. 45 feet. 3 inch. 9 12ths.

In

In roofing, measure flatt and half, from out to out of the wall plates—No deduction is made for chimney shafts or skie lights.

In flooring, deduct for stair-cases and hearths, and allow for the joists in one wall.

Wainscoting is measured by the square yard of 9 square feet.

EXAMPLE. A partition 14 feet 6 inches high by 10 feet 3 inches wide, how many square yards.

RULE. Multiply heighth by width in feet and inches, which divided by 9 will give square yards.

Operation.

Ft. In.

14 6 heighth.
10 3 width.

$$\begin{array}{r}
 140 \\
 5 \\
 3 \quad 6 \text{ parts} \\
 \quad 1 \quad 6 \\
 \hline
 9 \overline{) 148} \quad 7 \quad 6
 \end{array}$$

Yards 16 4 f. 7 in. 6 parts.

Answer, or 16 yards and $\frac{1}{2}$.

Doors.

Doors and Window Shutters.

Framed. Stuck on one side and square on the other—work and $\frac{1}{4}$.

Stuck on both sides the pannells flat, work and $\frac{1}{2}$.

Stuck on both sides the pannells, raised on one side and flat on the other—work. and $\frac{3}{4}$.

Stuck and pannells raised on both sides—double work : and are reduced into square yards.

Sashes. Bridging and boarding under lead—by the square foot.

Stair-cases are by the story.

Outside doors, door cases, sash frames, columns, pillasters, curbs and cartouch brackets, to the end of open newel stair steps—by the piece.

Ovella moldings, cornices, bracketing, architraves, base, subbase, plinth spring board, hand-rails, bridging between joists, saddles and staffs to quoins, pallisadoes, chinese rails, coach-house, gates and frames, rack and manger, trunks, gutters, and the like.

Running measure

Prices of CARPENTER'S WORK, finding materials.

Framed roofing being various according to the bearings, strength of the frame, or
M length

182 PRACTICAL EXAMPLES,

length of the span, may be said to run as follows:

Large dwelling-house, from 3l. 5s. to 4l. } p. square.
Church roofing, from 4l. 10s. to 5l. 5s. and upwards.

Roofing with collar-beams, the rafters $2\frac{1}{2}$ inches thick, 6 inches at bottom and 5 inches at top, for a dwelling house 30 or 40 feet front; from 34s. to 36s. } p. square.

Roofing, out offices, from 30s. to 32s.

Bridging and boarding under lead, from 8d. to 9d per foot.

Ceiling joists, from 16s. to 18s.

Studd (or quartered) partitions, do.

Truss partitions in hall, from 28s. to 30s.

Joists and floor in parlour and principal rooms, the joist $2\frac{1}{2}$ inches thick by 12 inches deep; the floor of inch and half plank doweld, from 95s. to 97s. } per square.

Joists and floor in third story, the joists 2 inches and half by 10, and floor of merchantable whole deal, laid straight joint, from 66s. to 68s.

Garret joists and floor, the joists 2 and half by 10, and floor of inch thick, straight joint, from 58s to 60s. }

Joists

Joists and floor, the joists two inch thick, and nine and half deep, with broken joint, boarding out of two inch dram deal, slit, from 54s. to 56s. } per square.

Joists and floor in out offices, from 50s to 54s.

Counter boarding between joists, from 15s. to 17s.

Bridging between joists, 3d,
Fillet, gutters and trunks, 8d. 9d.
and 10d. } per foot.

Square sashes, in house and offices, hook'd, stop'd, slip'd, hung and glazed, from 1s. 3d. to 1s. 5d.

Circular sashes, finished in like manner, from 2s. 2d. to 2s. 4d.

Square sash frames, from 7s. to 9s.

Circular ditto, from 15s. to 16s.

Mohogany curbs, round hearth stones, from 9s. to 10s.

Oak ditto. to ditto, from 6s. 6d. to 7s. 6d.

Cellar doors, whole deal ledged; and cases 4 by 5 square, from 19s. to 20s. } per piece.

Vault ditto, ledged, and cases, from 15s. to 17s.

Mohogany carved cartouch brackets to the end of open newell stair steps, from 18d. to 2s. 8d.

184 PRACTICAL EXAMPLES.

Wainscot doors, and trimming of windows, &c. from 4s. to 4s. 4d. per yard.

Streight architreves, single faced, from 6d. to 6½d.

Architreves, single faced and kneed, from 6½d. to 7d.

Double faced architreves, kneed, from 7d. to 8d.

Molded skirting, from 4d. to 4½d.

Base and sub-base, in two lower stories, from 7d. to 8d.

Ditto, — in upper stories, from 6d. to 7d.

Ditto, — on stair case, from 7d. to 8d.

Mohogany ovella moldings round chimney pieces, from 15d. to 16d.

Deal ditto, — ditto, from 6d. to 6½d.

Bracketting to stucco cornice, to the two principal stories and stair cases, from 3½d to 5d.

Firr pallisadoes and Chinese rails, from 5s. 6d. to 6s. 6d.

Casings to quoins, 4d.

Staffs on quoins, 2d.

Spring board, 3d.

Rack and manger, with solid oak breast and knees, ash staves turned, 6s. 7s. and 8s.

Cornice to rack, from 4d. to 4½d.

Coach-house gates (whole deal) and frames, from 8s. to 8s. 6d.

Mohogany hand rails to geometrical

per foot.

stairs

WITH THE PRICES. 185

stairs, and skrewing the iron ballisters, }
from 3s. 4d. to 5s. } p. foot.

Oak ditto, to ditto, and screwing }
ditto, from 3s. to 4s. }

Grand stairs (according to the design)
20, 25, 30, guineas and upwards, per
storie.

Back and garret stairs (in wood) from
7l. to 10l. per storie.

Hall door framed, lined and hanging
files, from 2l. 10s. to 3l. each.

CARPENTER'S WORK.

Workmanship only.

Circular work, double work.

FRamed roofing on dwelling houses,
from 14s. to 18s.
Ditto—on churches, from 20s. to 24s.

Roofing with collar beams (on dwelling house, 30 or 40 feet front) from
4s. 6d. to 6s. } per square.

Cieling joists, from 2s 3d. to 3s.

Studd partitions, —ditto.

Joists and floor, with thorough plank
inch and half doweld, from 14s. to 16s.

Ditto, — ditto, nailed, from 12s.
to 13s.

186 PRACTICAL EXAMPLES.

Joists and floor, with straight joint
boarding, from 9s. to 10s. } p. square.
Ditto, — with broken joint board-
ing, from 6s. to 7s.
Counter flooring, from 2s. 6d. to 3s.

Bridging between joists, $1\frac{1}{2}$ d. per foot.

Wainscot, doors, window shuts, pedes-
tal work, fophitts, &c. from 1s. 8d. to 2s.
per yard.

Double faced architreves, kneed, }
from $3\frac{1}{2}$ d to 4d.

Single faced ditto, kneed, 3d. to $3\frac{1}{2}$ d.

Straight architreves, single faced,
from $2\frac{1}{2}$ d. to 3d. } per foot.

Base, subbase, and ovella moldings,
from 3d. to 4d.

Plain plinth, 2d.

Dashes, slipped, stopped, hooked,
and hung, from $3d\frac{1}{2}$. to 4d. }

Sash frames with pullies, box'd, from
3s. to 3s. 6d. }

Door-cases, rabbitted and stuck, from
2s. 6d. to 3s. }

Doors for ditto, rabbitted, stuck and
ledged, from 3s. 6d. to 5s. }

Mohogany carved cartouch brac-
kets, to the end of open newell stair
steps, from 1s. 4d. to 2s. 6d. }

Curbs round hearth stones, from
2s. 6d. to 3s. }

Trunks,

Trunks, gutters, bridging and boarding under lead, from 3d. to 3d $\frac{1}{2}$.	} per foot.
Bracketting to stucco cornice, from 2d. to 3d.	
Spring board, 1d.	
Saddles to quoins, 1 $\frac{1}{2}$ d.	
Staffs on quoins, 1d.	
Half handrail and base, from 3 $\frac{1}{2}$ d. to 4d.	
Circular ditto, from 7d. to 8d.	} per foot.
Mohogany handrails to geometrical stairs, and screwing the iron ballisters, from 1s. 8d. to 2s. 6d.	
Oak ditto to ditto, and screwing ditto, from 1s. 6d. to 2s.	

Open newell stairs, with mohogany hand-rails, ramp'd and kneed, with a volute at bottom, from 8 to 12 guineas.	} per storie.
Open newell stairs, with deal hand rails, ramped and kneed, from 2l. 10s. to 3l.	
Dog-leg'd stairs (deal) from 30s. to 40s.	

Hall door framed, hanging stiles and circular sash over ditto, from 30s. to 40s. per.

Gates and cases rabitted and stuck, from 3s. to 3s. 6d.	} per foot.
Rack and manger, with solid oak breast and knees, from 3s. to 4s.	
Firr palisadoes and chinese rails, from 2s. to 3s. 3d.	

BRICKLAYER'S WORK.

THE chief part whereof is measured by the perch, being 21 feet in length, of 9 inch brick, one foot high.

Example. A piece of work 66 feet long, 20 feet 6 inches high, and 28 inches thick, how many perches.

Rule. Multiply length by heighth in feet and inches, and that product by the inches in thickness, which divide by 9 and that quotient by 21, and you will have the number of perches contained, standard measure in Ireland.

Operation.

Ft. In.

66 0 length.
20 6 heighth.

1320

33

1353

28 inches thick.

10824.

2706

9|37884

21|4209 3

Perches 200 9 feet 3 inches. Anf.

WITH THE PRICES. 189

Vacancies of doors or windows are included for workmanship only; and for six feet in width; door way is allowed.

Foot arches over doors, windows or gates, inside archers, counter arches over chimneys, and pargetting of funnels, by the piece.

For four inch walls, $\frac{2}{3}$ of 9 inch work is generally allowed.

Centering and flooring vaults with brick, equal to the price of brick walls.

Flooring with tyles, by the square yard.

Window stools and coping, by the superficial foot.

Stone eves, by the running foot.

CHIMNEYS.

Are measured as solid, deducting for the vacancies.

In measuring angle chimneys, multiply the height of the story by the breast, take $\frac{1}{4}$ of the breast for the thickness, which reduce into 9 inch work; take length, breadth, and thickness of the shaft, which likewise reduce into 9 inch work; add all together and deduct a foot square, by the height of each story for the funnels.

In rough Stone Work.

Twenty-one feet in length of 18 inch stone, 1 foot high make a perch.

To

190 PRACTICAL EXAMPLES.

To find the contents of stone work, multiply length by height in feet and inches, and that product by the inches in thickness, which last product divided by 18, and that quotient by 21, will give the perches contained.

Prices of BRICKLAYERS Work, finding Materials.

Walls, 9 inch brick and 18 inch stone reduced, from 7s. to 7s. 6d.	} per perch.
Four inch walls, from 4s. to 4s. 6d.	
Vault arches, from 8s. to 8s. 6d.	
Centers to ditto, mortar and work, from 3s. 3d. to 3s. 6d.	
Flooring vaults with brick on the edge, 5s.	
Ditto, on the flat, 4s.	}

Pargetting of funnels and additional work to the same, from 14s. to 16s. per piece.

Flooring with tyles, from 3s. to 3s. 3d. per yard.

N. B. 236 bricks, mortar and work, make a perch of work.

Prices of BRICKLAYERS Work.

Workmanship only.

Walls, 9 inch brick and 18 inch stone reduced, from 1s. 1d. to 1s. 4d. p. perch.
Four

WITH THE PRICES. 191

Four inch walls, from 8d. to 9d.
 Vault arches, from 1s. 3d. to 1s. 6d.
 Centers to ditto, from 1s. 1d. to 1s. 4d. } per perch.
 Flooring vaults with brick, from 1s. rd. to 1s. 4d.

Cut stone eaves, one course deep, from 1d. to 1½d. per foot.

Setting window stools and coping, 1½d. per superficial foot.

Foot arches over doors or windows (place brick) from 1s. 8d. to 2s. 6d.

Ditto, (stock brick) from 3s. to 3s 6d

Nine inch inside archers to ditto, from 1s. 1d. to 1s. 2d.

Stock brick arches over gates, from 7s. to 8s. } per piece.

Inside archers to ditto, from 3s. 6d. to 4s.

Counter arches over chimneys, from 1s. 8d. to 2s. 6d.

Pargetting of funnels and additional work to ditto, from 7s. to 9s.

Flooring with tyles, from 5d. to 6d. per yard.

Note, Stock brick fronts double the price of place brick.

Arching in vaults and 14 inch walls, work and half.

STONE CUTTERS Work.

Are measured by the superficial foot, unless Mountmellick flaggs, which are by the square yard.

Prices, finding Materials.

Common mountain stone steps and flagging, window stools and coping, from 10d. to 1s. 2d.

Pallisadoe base, from 1s. 4d. to 1s. 6d.

Plinth to ditto, from 1s. to 1s. 1d.

Plain ashlers of Kilgobbin stone; from 10d. to 1s.

Ditto, Golden-hill, stone, from 1s. to 1s. 2d.

Rustic ashlers, quoins, &c. Golden hill stone, properly bonded, from 1s. 2d. to 1s. 4d.

Ditto, Kilgobbin stone, ditto, from 1s. to 1s. 2d.

Moldings for ditto, Golden-hill stone, according to the design, from 1s. 4d. to 3s.

Ditto, Kilgobbin stone—ditto, from 1s. 4d. to 2s. 6d.

Flagging in halls,—ditto, from 1s. 4d. to 3s.

Geometrical stair steps, ditto, from 1s. 6d. to 3s.

per foot.

Mountmellick

WITH THE PRICES. 193

Mountmellick flaggs, from 3s. 6d. to 4s. per yard.

N. B. Door cases and chimney pieces being governed by fancy, must run per agreement, and according to the grandeur of the design.

SLATORS WORK.

Are measured by the square of 100 feet.

NO deduction is made for chimney shafts, on stuff—hipps and vallies, double measurement.

Six hundred of double slates cover a square of work.

One thousand of singles, ditto.

One hundred sixty-five tyles, ditto.

Prices of SLATORS WORK, finding all materials.

Slating and rendering with doublers (Carnarvon slates) from 1l. 4s. to 1l. 6s.	} per square.
Ditto, with singles, from 1l. 3s. to 1l. 4s.	
Dutch tiles, covering and pointing within and without, from 1l. 6s. to 1l. 8s.	

Dutch

194 PRACTICAL EXAMPLES.

Dutch tyles, covering and pointing within-side, from 1l. 5s. to 1l. 7s. per square.

Ditto,—and pointing without-side, do.

Workmanship only.

Slating and rendering, from 5s. 6d. to 6s. 6d.

Pointing (mortar and work) 2s. 6d.

Ditto, (work only) 2s.

Covering with tyles, and pointing within and without, from 6s. to 6s. 6d.

Ditto, and pointing without side, from 4s. to 4s. 6d.

Ditto, and pointing within side, from 4s. 6d. to 5s.

per square.

Stripping and closing gutters, not exceeding 12 inches in depth, 3d. per running foot.

Covering pent-house or small breach not exceeding half a square, 6d. per running foot, but if more than half a square, 3d. per superficial foot, (mortar and work) which is equal to 1l. 5s. per square, and more ready.

GLAZIERS

GLAZIERS WORK

Are measured by the superficial foot, from puttie to puttie.

BEFORE the example, it is necessary to get the following table by heart.

Feet.	} Multiv by	Feet Inches Parts Seconds Thirds	Produce	Feet Inches Parts Seconds Thirds
Inches	} Mult. by	Inches Parts Seconds Thirds	Produce	Parts Seconds Thirds Fourths
Parts	} M. by	Parts Seconds Thirds	Pro. u.	Thirds Fourths Fifths
Seconds	} M. by	Seconds Thirds	Pro. u.	Fifths Sixths
Thirds	} M. by	Thirds	Pro.	Sevenths

Note. 12 thirds 1 second.
 12 seconds 1 part.
 12 parts 1 inch.
 12 inches 1 foot.

Example.

196 PRACTICAL EXAMPLES.

Example. A window 16 feet 6 inches and $\frac{1}{2}$ high, by 8 feet 4 inches and $\frac{1}{2}$ wide, how many superficial feet.

Rule. Multiply height by width, in feet inches and parts, and you will have the contents in superficial feet.

Operation.

Ft. In. parts			
16	6	6	height
8	4	6	width
<hr/>			
132	4	0	Seconds
5	6	2	0
	8	3	3
<hr/>			
138	6	5	3
<hr/>			

Or, 138 feet and $\frac{1}{2}$ superficial.

*** Where windows are arched or of a curved form, they are measured by the full diameters.

Prices of Glaziers work, finding materials.

London crown glass, from 2s. 6d. to 2s. 8d.

Bristol, crown, and Newcastle, from 7d. to 9d.

Octagon and gothic pains, 1s.

Irish crown, from 6 $\frac{1}{2}$ d. to 7d.

In lead, 6d.

} per foot.

Wire

Wire Work.

Round mash, 6d. per foot.

Fly work, from 2s. to 2s. 4d. per foot.

S M I T H S W O R K.

Pallisadoes by the C. weight.

Iron hand-rails and ballisters, stand-
ard globe irons, window bars and grates,
by the lb wt.

Arch globe irons, and smoak jacks, by
the piece.

Scrole pannels, to geometrical stair steps,
by the step.

Extinguishers by the pair.

Prices, finding Materials.

Bowed pallisadoes, finished in best man-
ner, 1l. 17s. 4d. per C. wt.

Pallisadoes of a cheaper kind (not bow'd)
1l. 12s. 8d. per C. wt.

Window bars, $3\frac{1}{2}$ d.

Grates set in flags, $3\frac{1}{2}$ d.

Kitchen grates, 3d.

Iron-handrails and ballisters, to ge-
ometrical stairs, 5d.

Kitchen grates with wind up-nig-
gers, finished in an elegant manner,
from $6\frac{1}{2}$ d. to 7d.

} per lb.

N.

Standardi

198 PRACTICAL EXAMPLES.

Standard globe irons, from 5d. to 7d. per lb.

Arch globe irons, according to the design, from two guineas and half to three guineas and upwards. } p. piece.

Smoke jacks, from 10l. to 15l.

Scrole pannels to geometrical stair steps, from 18s. to 1l. 2s. 9d. per step.

Extinguishers, 13s. per pair.

PLUMBERS WORK.

Their Prices, finding Materials.

SHEET lead, 1l. 2s. }
Lead trunks, pumps, batton cisterns, and pipes of 3 inch bore, from 1l. 8s. to 1l. 10s. } p. C. wt.

Solder for gutters, 1s. per lb.

Lead Pipes.

Bore. {	$\frac{3}{4}$ Inch, 1s.	} p. run. foot.
	1 Inch, 1s. 8d.	
	1 Inch and half, 2s.	
	2 Inches, 2s. 6d.	
	$2\frac{1}{2}$ Inches, 3s.	

Jointing of pipes according to the bore, from 2s. to 4s. per joint.

Men's labour, fixing and putting up, 2s. 6d. per day.

PAINTERS

PAINTERS WORK.

Are measured by the square yard, unless the following articles.

Cornices, ovella moldings, base, sub-base, scirting, trunks and gutters, running measure.

Pediments, sash and frame outside, scrole pedestals to iron pallisadoes, iron bars to kitchen windows, and carved cartouches to stair cases, by the piece.

To find the content of painters work in square yards, have recourse to the operation of wainscoting in carpenter's work, (page 180.)

Prices of PAINTERS WORK, finding Materials.

Oil and Colour.

Linseed oil, white, oak and chocolate colour,—once 3d.—twice 5d.—thrice 7d.	} per yard.
Statuary and dead white,—once, 4d.—twice, 7d.—thrice, 10d.	
Stone colour or white on walls,—once 4d.—twice 8d.—thrice 10d.	

200 PRACTICAL EXAMPLES.

Stone colour or white on walls, four times done, 1s.

Mohogany colour, twice or thrice done, from 6d. to 9d.

Common blue or green finished, from 10d. to 1s.

Green in verdigrease, done flat on walls, resembling water colour, so as to bear washing, finished in best manner, from 1s. 8d. to 2s. 2d.

Best drop-lake done on walls, finished in like manner, from 2s. to 2s. 6d.

Plain colour on floors, thrice done, 10d.

Figured work on ditto.—ditto, from 2s. to 2s. 6d.

per yard.

Cornices, dead white, according to depth, from $2\frac{1}{2}$ d. to $5\frac{1}{2}$ d.

Ovella moldings, white, once done 1d.

twice ditto, $1\frac{1}{2}$ d.

thrice ditto, 2d.

Base and sub-base, mohogany or white, once done, from 1d. to $1\frac{1}{2}$ d.

Twice done, from $1\frac{1}{2}$ d. to 2d.

Thrice done, from 2d. to $2\frac{1}{2}$ d.

Single scirting, black, twice or thrice done, from 1d. to $1\frac{1}{2}$ d.

Mohogany colour ditto, the plinth white, twice or thrice done, from $1\frac{1}{2}$ d. to $2\frac{1}{2}$ d.

per foot.

Bede

Bede moldings, white, blue, green, crimson, purple, violet, orange, or pompadore, finished, from 1d. to $1\frac{1}{4}$ d.	} per foot.
Trunks and gutters, lead colour, once done, from 1d. to $1\frac{1}{2}$ d.	
Twice done, from 2d. to $2\frac{1}{2}$ d.	
Thrice done, from $2\frac{1}{2}$ d. to 3d.	}

Pediments over chimney pieces, if
carved, from 5s. to 10s.

Ditto, plain, from 3s. 6d. to 4s. 6d.

Carved cartouches to stair cases,
from 1d. to $1\frac{1}{2}$ d.

Large sash and frame, outside,
once done, 1s.

Twice done, from 1s. 6d. to 1s. 8d.

Thrice done, from 2s. 2d. to 2s. 6d.

Middle size ditto, once done, from
8d. to 10d.

Twice done, from 1s. 3d. to 1s. 4d.

Thrice done, from 1s. 10d. to 2s.

Small size ditto, once done, 6d.

Twice done, 10d.

Thrice done, 1s. 4d.

Pediments over doors or windows,
from 3s. to 5s.

Scrole pedestals to iron pallisadoes,
finished, (according to the design) 1s.
2s. 3s. and upwards.

Iron bars to kitchen windows, ac-
cording to the colour, from 1d. to 2d.

} per piece.

202 PRACTICAL EXAMPLES.

WATER and COLOUR.

Distemper Colours, finished.

Stone, pearl, or buff, 2d.	} per yard.
Lemon, peach or bloom, 4d.	
Green or blue, 1s. 4d.	
Ditto, per paper hanging measure, 10d.	

N. B. Allowance to be made to the workman for moldings.

WHITEWASHING.

At a mean, from $6\frac{1}{2}$ d. to 1s. per square, of 100 feet.

PLASTERERS WORK.

Are measured by the square yard, unless the following articles :

RUSTIC work by the superficial foot.
Rendering on roofs, by the square of 100 feet.

Plastering behind skirting, by the running foot.

Bedding and pointing of sash frames, by the piece.

Note,—where doors or windows have architraves round them, they are deducted in

in stuff, and where there are no architraves they are included for workmanship only.

No deduction is made for joists in cieling.

To find the content of a piece of work, in square yards, see the operation, p, 180.

Prices of PLAISTERS WORK.

	d.	d.
Plain plaistering on stone walls,	4h	2 ¹ / ₄
Ditto, on brick walls,	4	2 ¹ / ₄
Floated walls for paper,	6	3
Coated and floated walls,	12	5
Grey, finishing on walls,	12	5
Plain cielings and partitions	12	3
Plain floated cielings and partitions,	14	5
Coated and floated cielings and partitions,	16	6
Coated and floated cielings, done with slating laths,	18	6h
Rendering between joists to boards,	6	2h
Rendering on counter boards, between joists,	3	1h
Plaistering on ground arches,	6	3h
Common ashler plaistering,	8	5
Ashlers done in grey, finishing the ground work floated.	16	8

Finding Materials.

Workmanship only.

per yard.

Rustic work, finding Materials, 6d.—workmanship only, 5d. per superficial foot.

Rendering to slates on roof, finding Materials, 2s. 8¹/₂d.—workmanship only, 16d. per square.

Plaistering behind skirting, finding Materials $\frac{1}{2}$ d. workmanship only, $\frac{1}{4}$ d. per foot.

Bedding and pointing of fash frames, finding materials 2s.—workmanship only 18d. per piece.

STUCCO WORK.

Is measured by the running foot, unless as follows:

Festoons, flowers, foliage, patera medallions, and imbos, by the superficial foot.

PRICES of STUCCO WORK.

	s.	d.	s.	d.	
C orinthian entablature, fully enriched,	8	0	6	6	
Ditto, (cornice only) fully enriched,	4	6	3	6	
Ionic entablature, fully enriched	6	6	5	0	
Ditto, (cornice only) fully enriched,	3	0	2	4	
Doric entablature, fully enriched	7	0	5	6	
Ditto (cornice) fully enriched	3	0	2	6	
Inriched moldings, according to the size or workmanship, from 3d. to 1s.—finding materials,—from 2dh. to 9d. workmanship only.					
Plain moldings under 6 inches,	0	6	0	3	
Cornices from 6 to 8 inches,	0	8	0	4	
— from 8 to 10 ditto,	1	0	0	5	
— from 10 to 12 ditto,	1	0	0	6	
— from 12 to 14 ditto,	1	2	0	7	
Plain moldings on walls or ceilings,	0	6	0	5	
Ventruvan scrole ornamented, from 2s. to 4s. od.—finding materials,—from 1s. 8d. to 3s. 6d. workmanship only.					

Finding Materials.

Workmanship only.

Per running Foot.

Cove

<p>Cove cornice of the first magnitude, completely ornamented and enriched, 5s. finding materials,—4s. workmanship only.</p> <p>Cove cornice, less dimensions, 4s. finding materials,—3s. workmanship only.</p> <p>Cove cornice, a smaller size, 3s. 6d. finding materials,—2s. 8½d. workmanship only.</p>	<p>} per running foot.</p>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------

Ornaments of festoons, flowers, foliage, patera medillions, &c.—large imbos at a mean, 3s. 6d. finding materials,—3s. workmanship only, per superficial foot.

Ditto, small imbos, 3s. finding materials,—2s. 6d. workmanship only, per superficial foot.

N. B. Cielings of Stucco are by the piece, according to agreement, fancy, or the design.

PAPER HANGING MEASURE.

How many yards of paper 3 feet by 1 foot 8 inches each yard, doth that room contain, whose dimensions are 12 feet in height by 60 feet in the 4 angles?

Rule. Multiply the number of feet in the angles, by the number of feet in height, which when divided by 5, will give the content in yards.

Operation.

206 PRACTICAL EXAMPLES.

Operation.

Feet.

60 Angles.

12 Heighth.

$$\begin{array}{r} \hline 5 \overline{)720} \\ \hline 12 \overline{)144} \text{ Yards.} \\ \hline \text{or 12 Dozen.} \end{array}$$

PAVIORS WORK.

Are measured by the square yard of 9 feet,

Prices, viz.

Workmanship only, from 2d. to 2½d.	} per yard.
Repairing old pavement, and finding materials, from 5d. to 6d.	
New work, finding all materials, from 10d. to 1s.	

SINKING FOUNDATIONS.

Is measured by the cubical yard of 27 cubical feet.

Example. A vault or cellar 20 feet long, 19 feet 6 inches broad, and 9 feet 6 inches

WITH THE PRICES. 207

6 inches deep, how many yards of digging contained therein.

Rule. Multiply length by breadth, and that product by the depth (each in feet and inches) which last product divided by 27, gives the cubical yards contained.

Operation.

Ft. In.

20 0 Length.

19 6 Breadth.

380

10

390

9 6 Inches depth.

3510

195

27 | 3705 | 137 yds. 6 feet. Answer.

100

195

6

The price of digging, clearing, and carrying away (according to the kind of earth or length of the carriage) is, from 8d. to 1s. 1d. per yard.



